

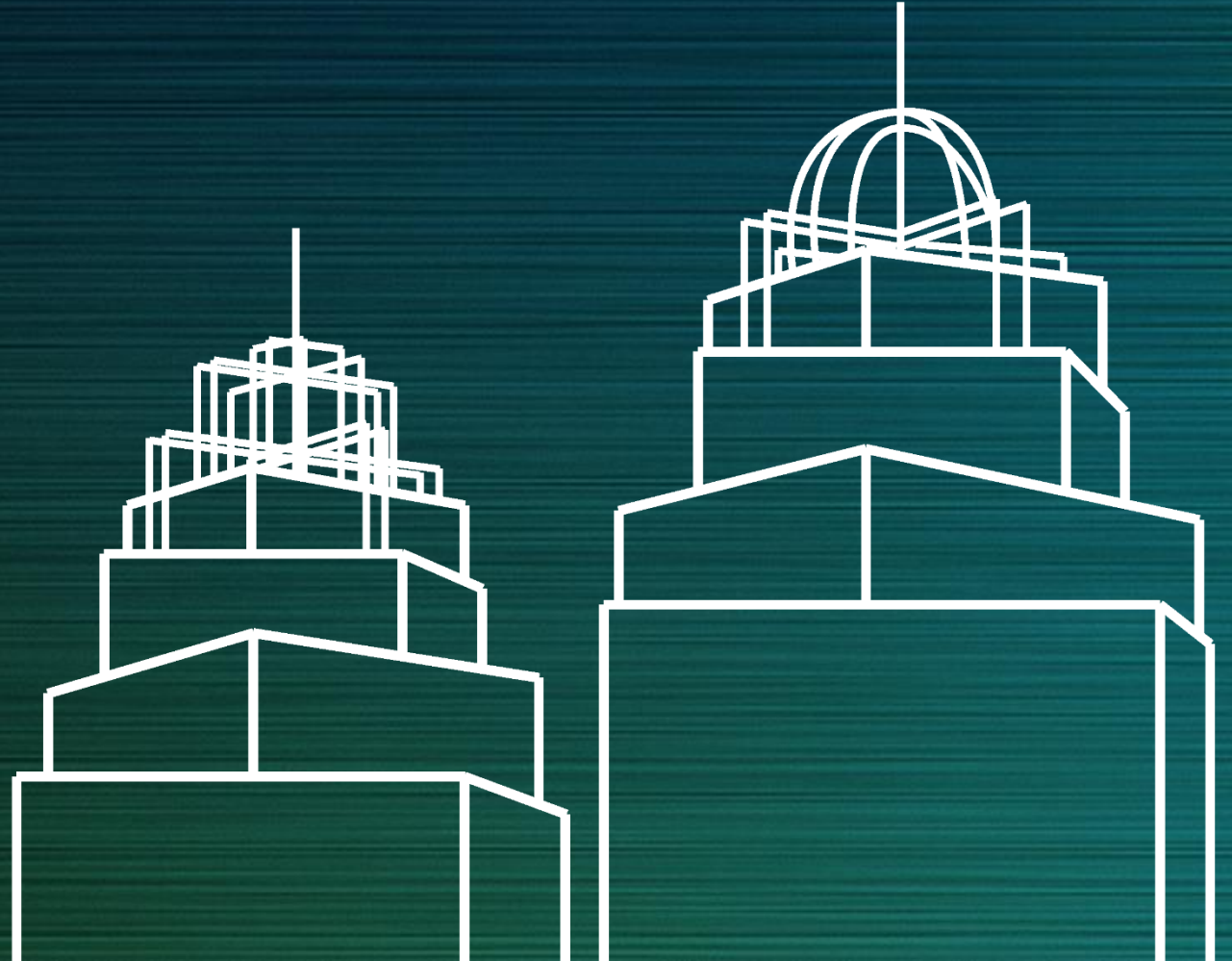
# TSPLOST

## Program Delivery – Update

January 23, 2018



SANDY SPRINGS  
GEORGIA



## TSPLOST Revenue and Expenditures

**Tier 1 Funding** – 85% of projected revenues are collected.

**Tier 2 Funding** – 100% of projected revenues are collected.

Month	Revenue Projections	Revenue Received	Percent of Projected Collected
April	\$1,682,876	\$1,271,444	75.6%
May	\$1,583,527	\$1,383,598	87.4%
June	\$1,603,493	\$1,400,659	87.4%
July	\$1,630,948	\$1,549,977	95.5%
August	\$1,671,544	\$1,459,462	87.3%
September	\$1,704,128	\$1,404,469	82.4%
October	\$1,690,754	\$1,389,804	82.2%
November	\$1,552,202	\$1,415,027	91.2%
<b>Totals</b>	<b>\$13,119,472</b>	<b>\$11,273,440</b>	<b>85.9%</b>

## TSPLOST Required Staffing Added

- **Program Manager**
- **Project Managers – 2**
- **Right of Way Manager**

## TSPLOST Required Staffing – Acquisition in Progress

- **Utility Coordinator**
- **Construction Manager**
- **Administrative Assistant**

## Project Types – Tier 1

- 3 major road widening projects
- 13 intersection improvement projects
- 13 sidewalk projects
- 6 Last Mile Connectivity

## Project Types – Tier 2

- 2 major multiuse path projects



## TSPLOST Project Status Summary To Date

- **3 Major road improvement projects are under design**
  - Johnson Ferry @ Mount Vernon roundabout project – **\$23,400,000**
  - Hammond Drive (right of way acquisition only) - **\$14,400,000**
  - Mount Vernon Corridor Analysis – Concept in progress - **\$9,900,000**
- **6 Intersection projects are under design**
  - Spalding Drive at Dalrymple Road-Trowbridge Road – **\$1,350,000**
  - Roswell Road at Grogans Ferry Road - **\$4,700,000**
  - Mount Paran at Powers Ferry Road - **\$1,800,000**
  - Riverview Road @Northside Drive - **\$2,700,000**
  - Dunwoody Club Drive @ Jett Ferry Road - **\$900,000**
  - Spalding Drive @ Pitts - **\$450,000**

Note: Budgets shown are for the total project

## TSPLOST Project Status Summary To Date (Cont'd)

- **6 Sidewalk projects are under design**
  - Johnson Ferry Road – Harleston Road to Glenridge Drive - **\$862,000**
  - Johnson Ferry Road - Glenridge Connector to existing sidewalk at Wells Fargo site - **\$114,600**
  - Windsor Pkwy - Peachtree Dunwoody Road to city limit - **\$481,250**
  - Northwood Drive - Kingsport to Roswell Road - **\$250,950**
  - Spalding Drive - Spalding Lake Ct. to Publix – **\$600,000**
  - Brandon Mill Road – Marsh Creek to Lost Forest Drive - **\$165,000**
- **1 Trail project is under concept design**
  - Ga 400 Trail project - **\$5,590,000**

## TSPLOST Project Status Summary To Date (Cont'd)

- **Last Mile Connectivity**

1. **Peachtree Dunwoody Bike/Pedestrian Trail** – Crestline Parkway to Mt Vernon Highway - \$1,551,500 (construction estimate)
2. **Abernathy Road Sidewalk** – sidewalk or shared path from SR 400 to Peachtree Dunwoody Road – this project is included in GDOT's reconstruction of the Ga 400/Abernathy Road interchange project
3. **Ashton Woods Road** – new alignment from Ashton Woods to Glenlake Parkway (possible PCID project ) – cost unknown at this time – Request for Proposal (RFP) in progress
4. **North Springs MARTA Station Bridge** – bridge from Glenlake Parkway to the North Springs MARTA station – to be included in the Ashton Woods Road project – cost unknown at this time.
5. **Cox Trail** – trail from Central Park Drive to Perimeter Center Parkway (John to contact Cox; possible PCID project) - \$513,000 (construction estimate)
6. **Central Parkway Sidewalk Gap** – short sidewalk gap on east end of Central Parkway, south side; an IGA is being executed with the City of Dunwoody for Dunwoody to manage - \$50,843 (construction)



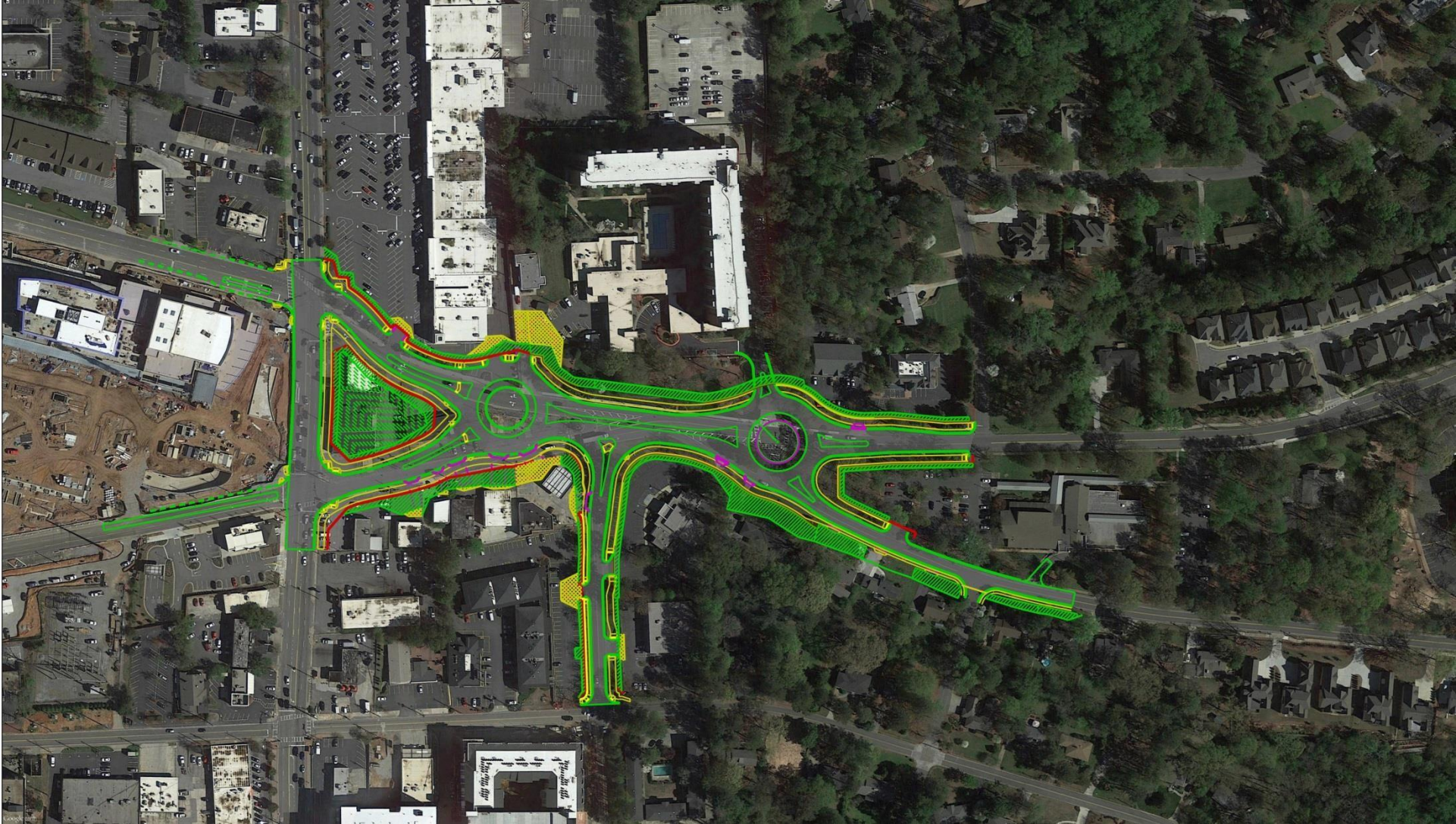
# SANDY SPRINGS

## T-0011 - Johnson Ferry at Mount Vernon Roundabouts



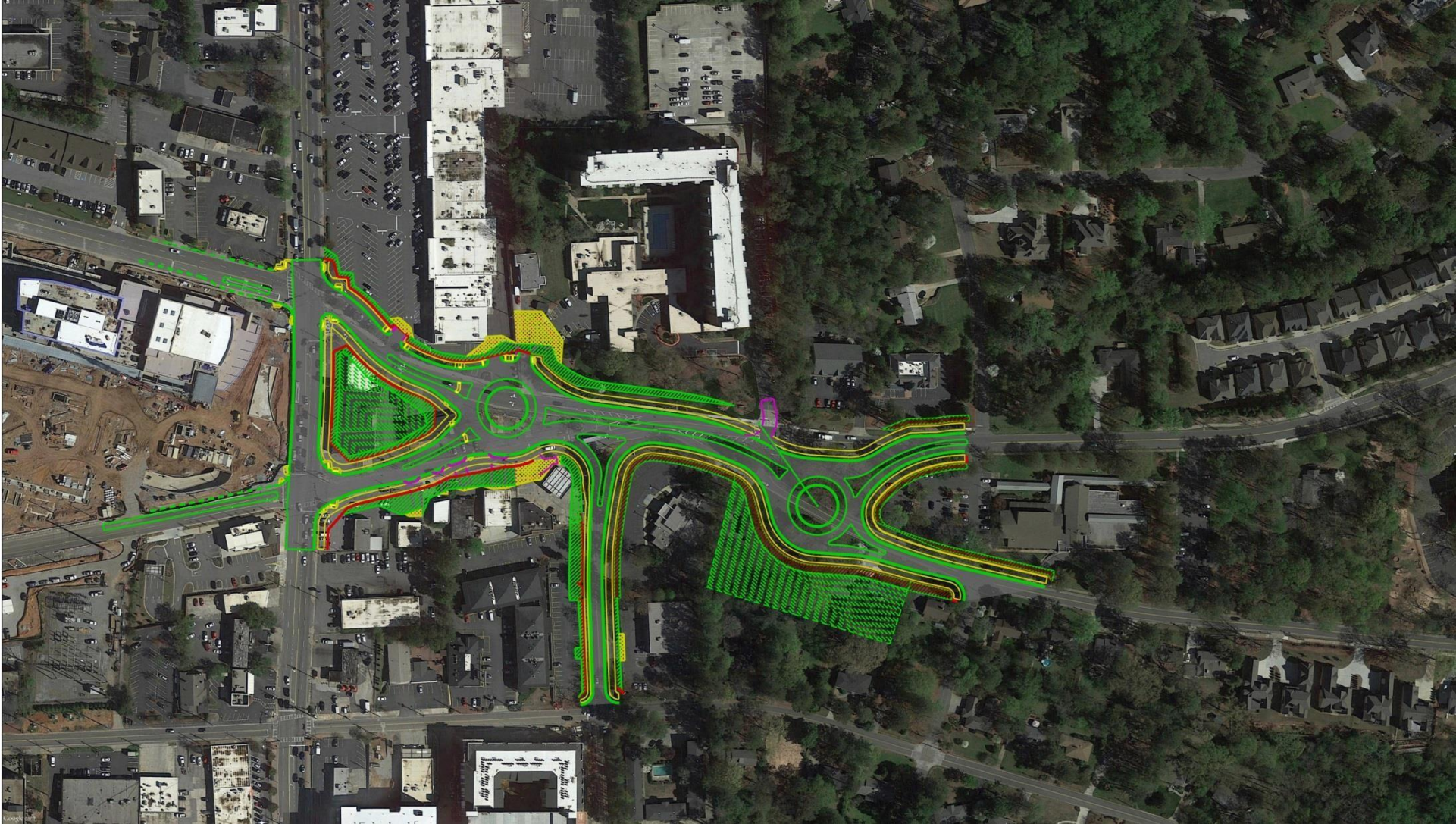


## Option 1 – Roundabout (shifted 50' southeast)



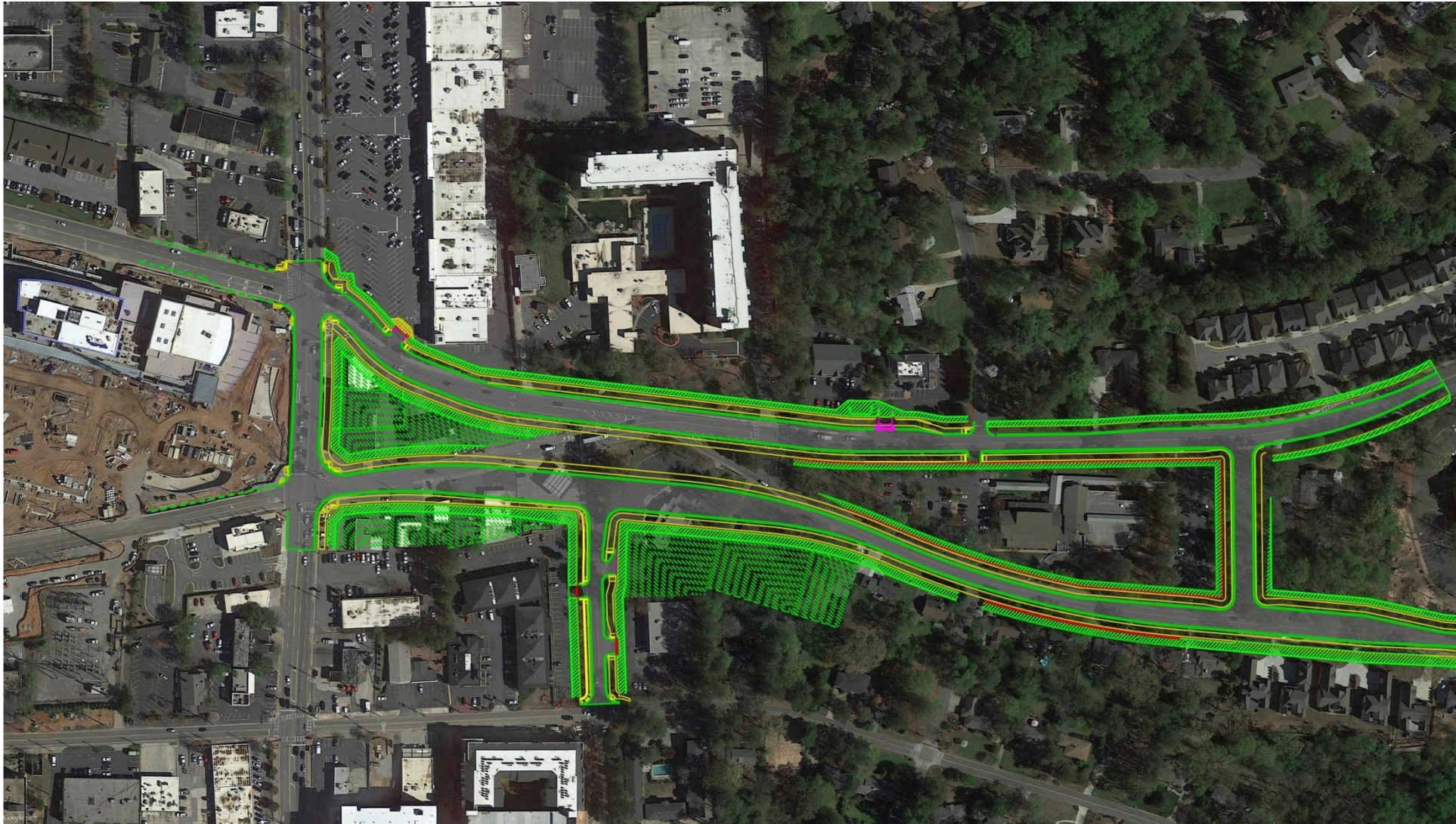


## Option 3 – Roundabout (shifted 190' southeast)



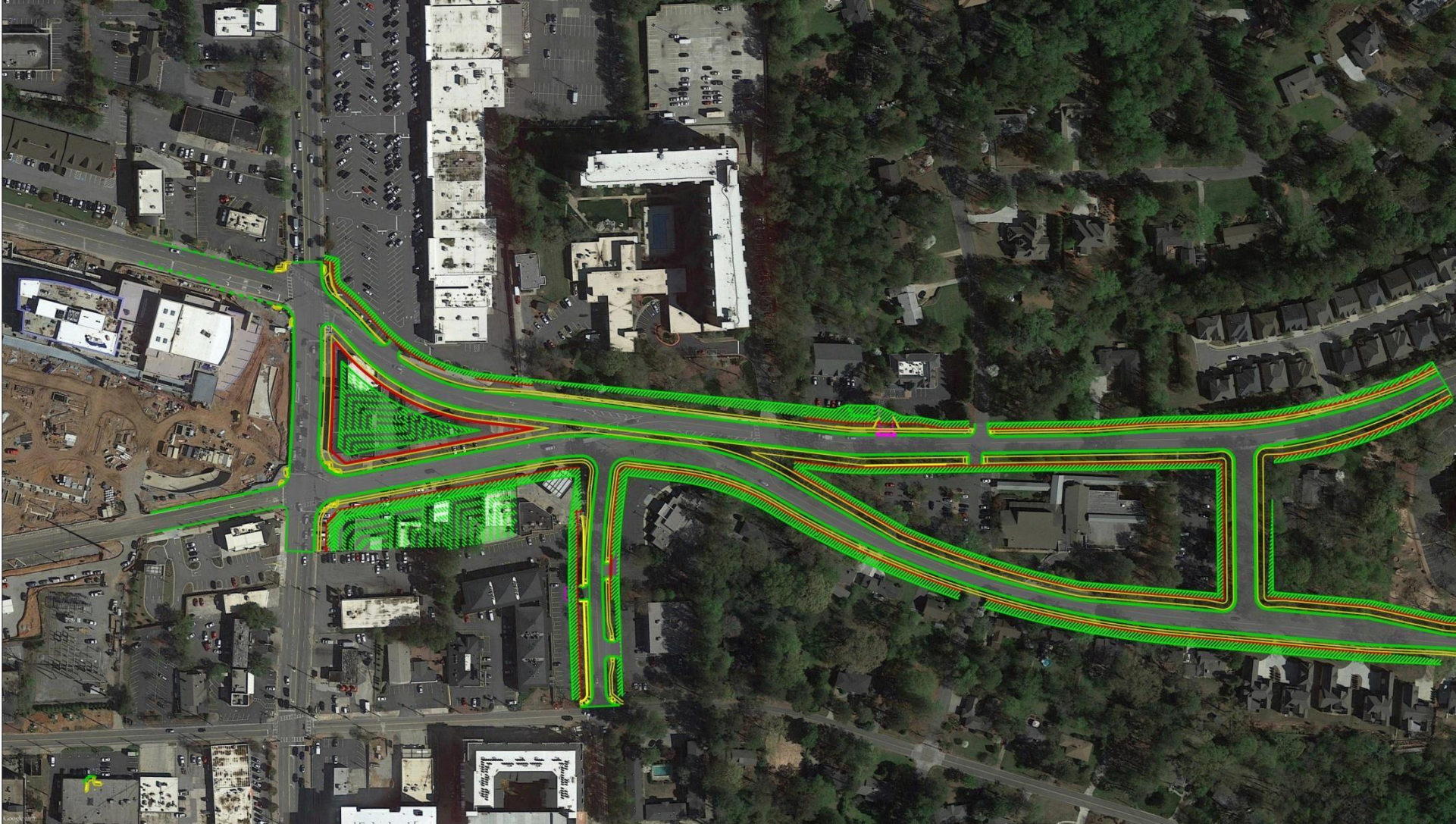


## Option 4 – Grid Design



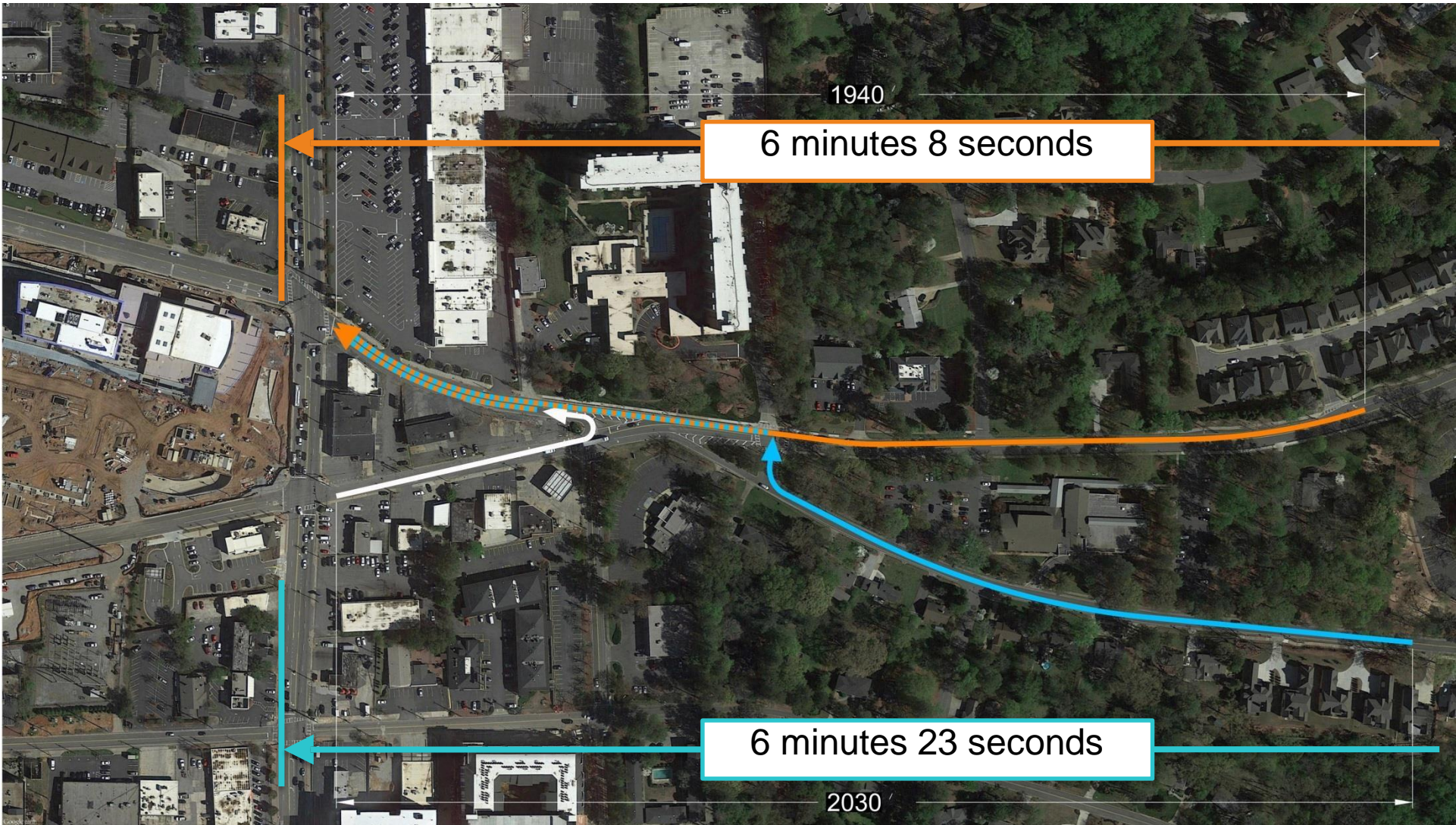


## Option 5 – Reduced Grid Design



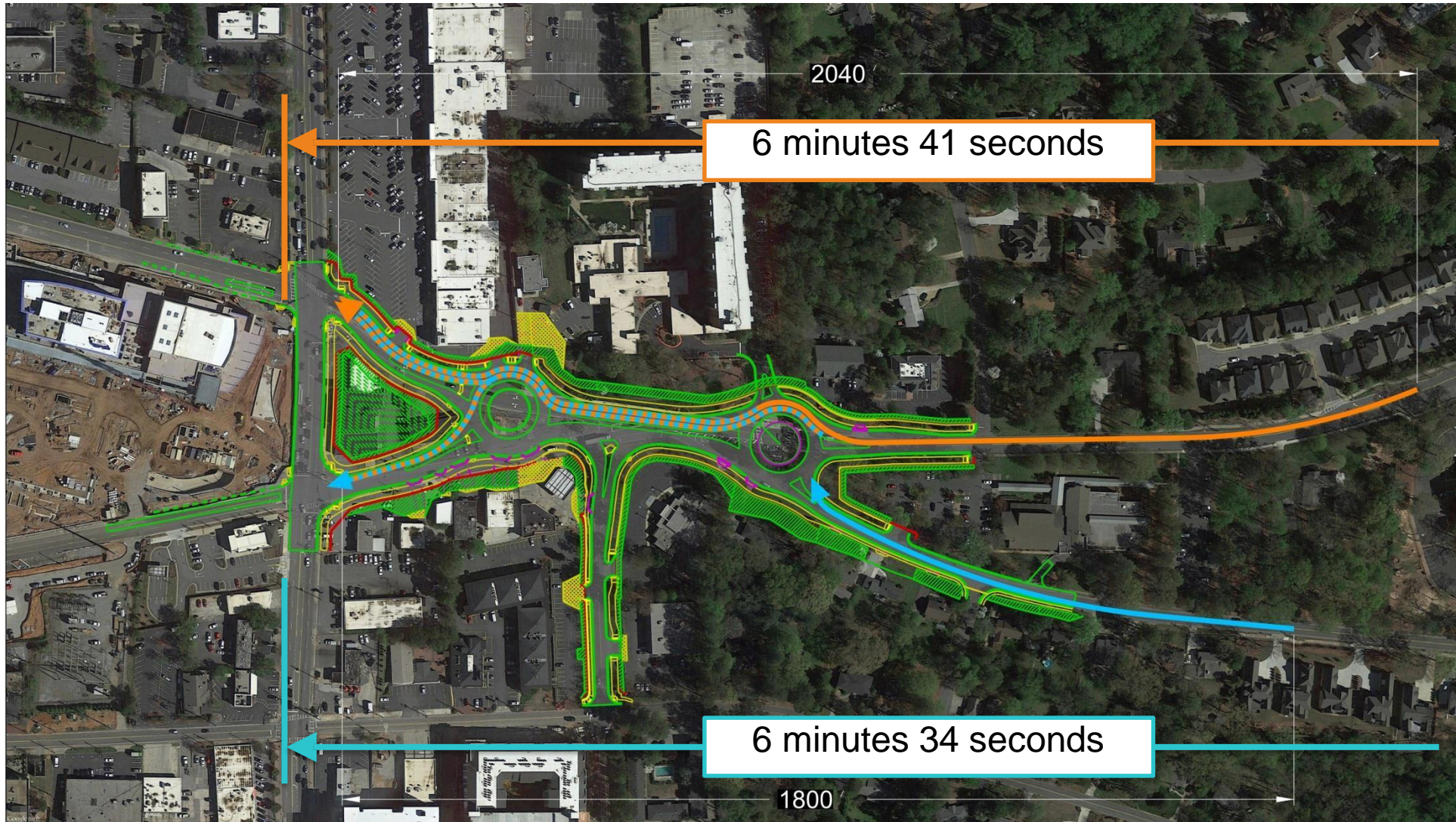


# No-Build – 2020 Westbound Travel Times



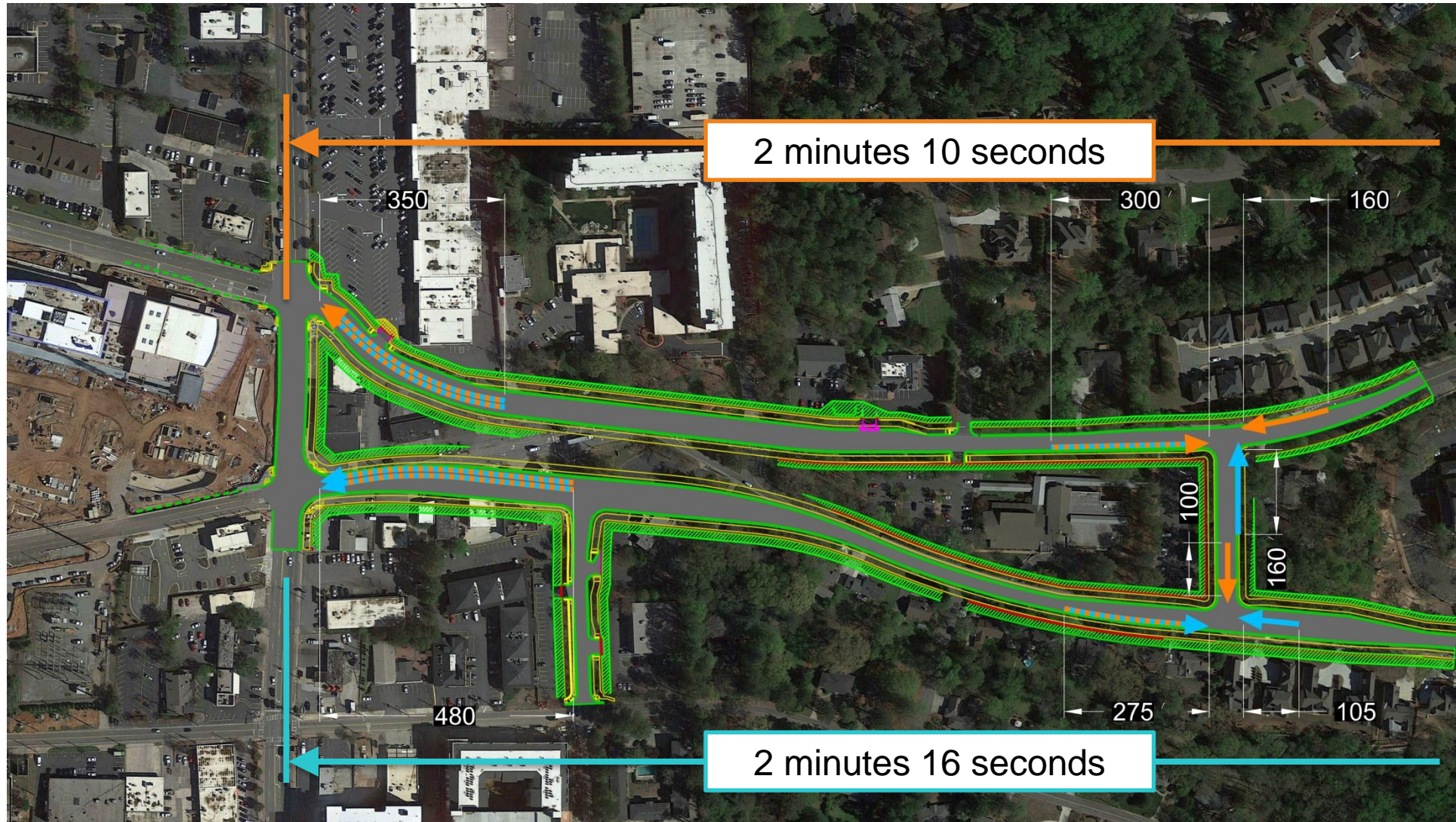


# Options 1 & 3 – 2020 Westbound Travel Times



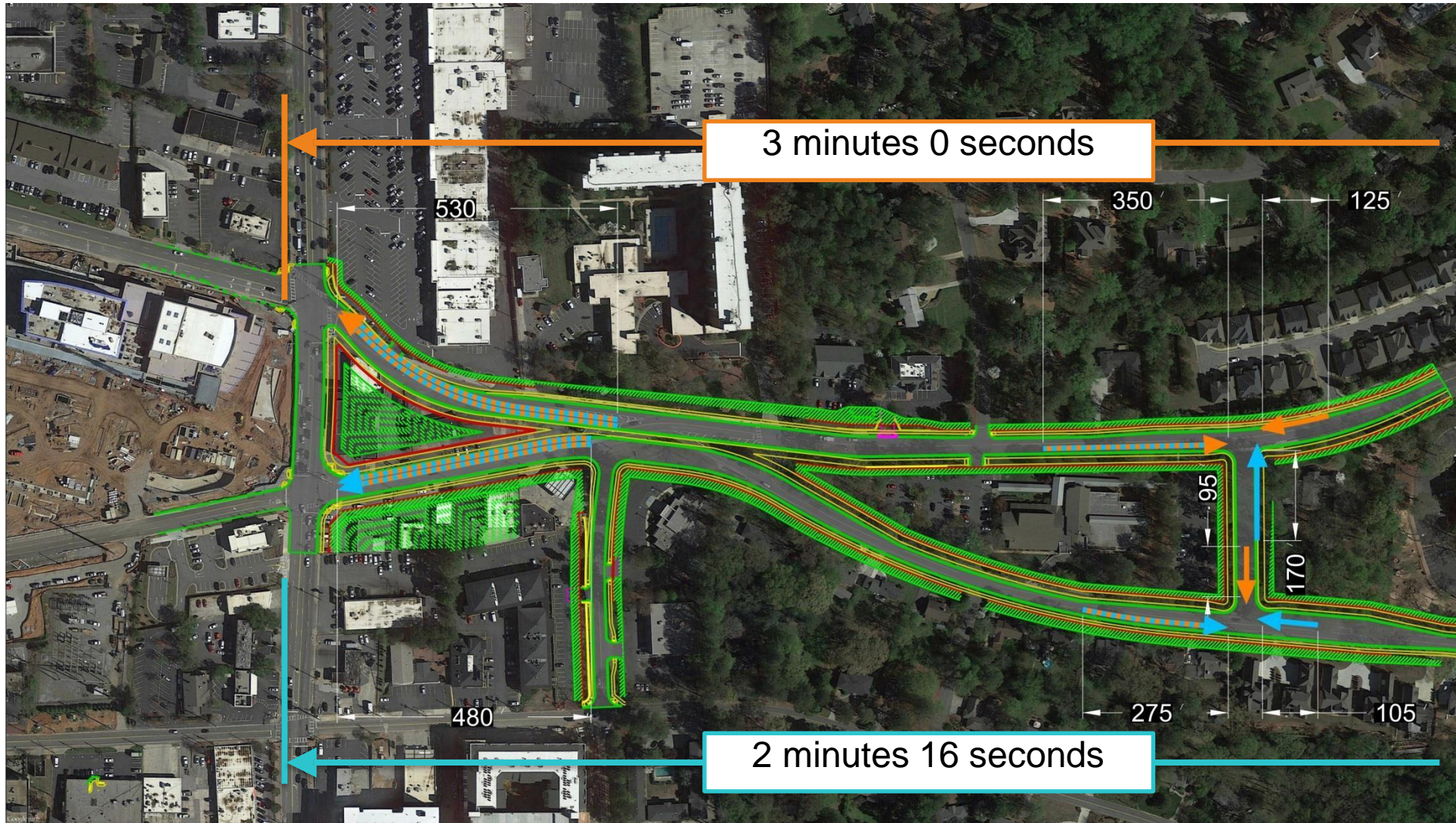


# Option 4 – 2020 Westbound Travel Times



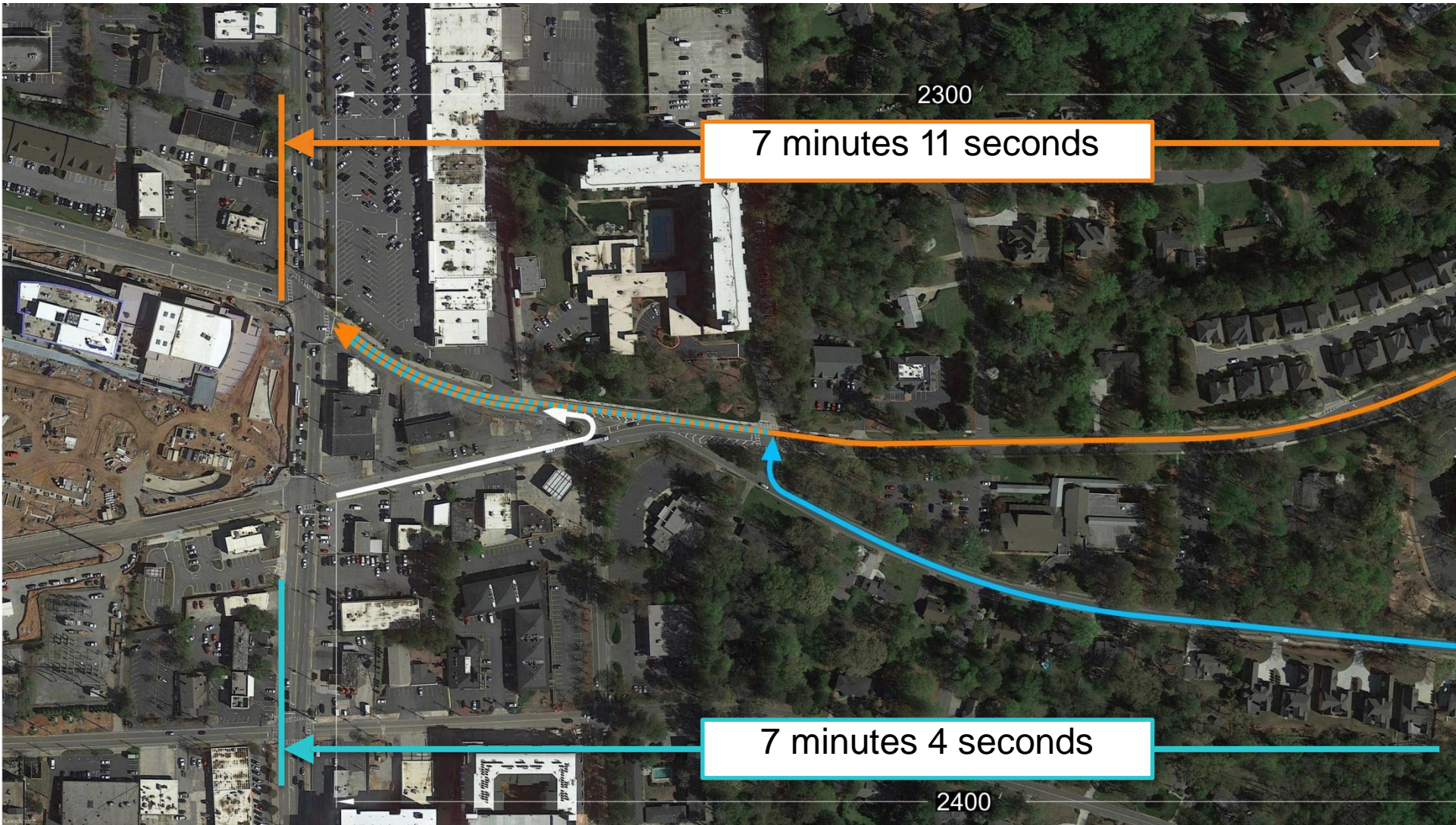


## Option 5 – 2020 Westbound Travel Times (Split Phase)



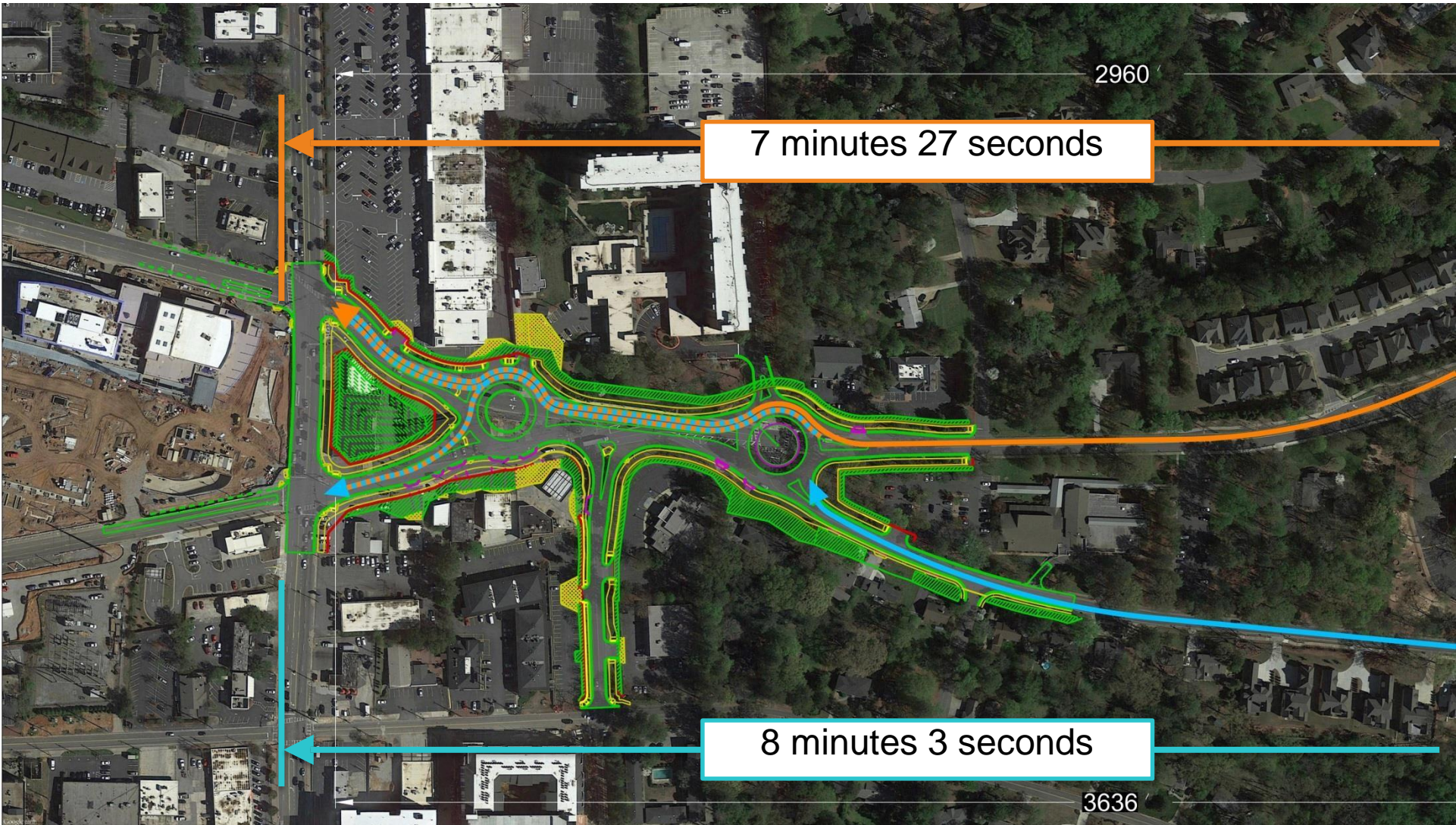


# No-Build – 2040 Westbound Travel Times



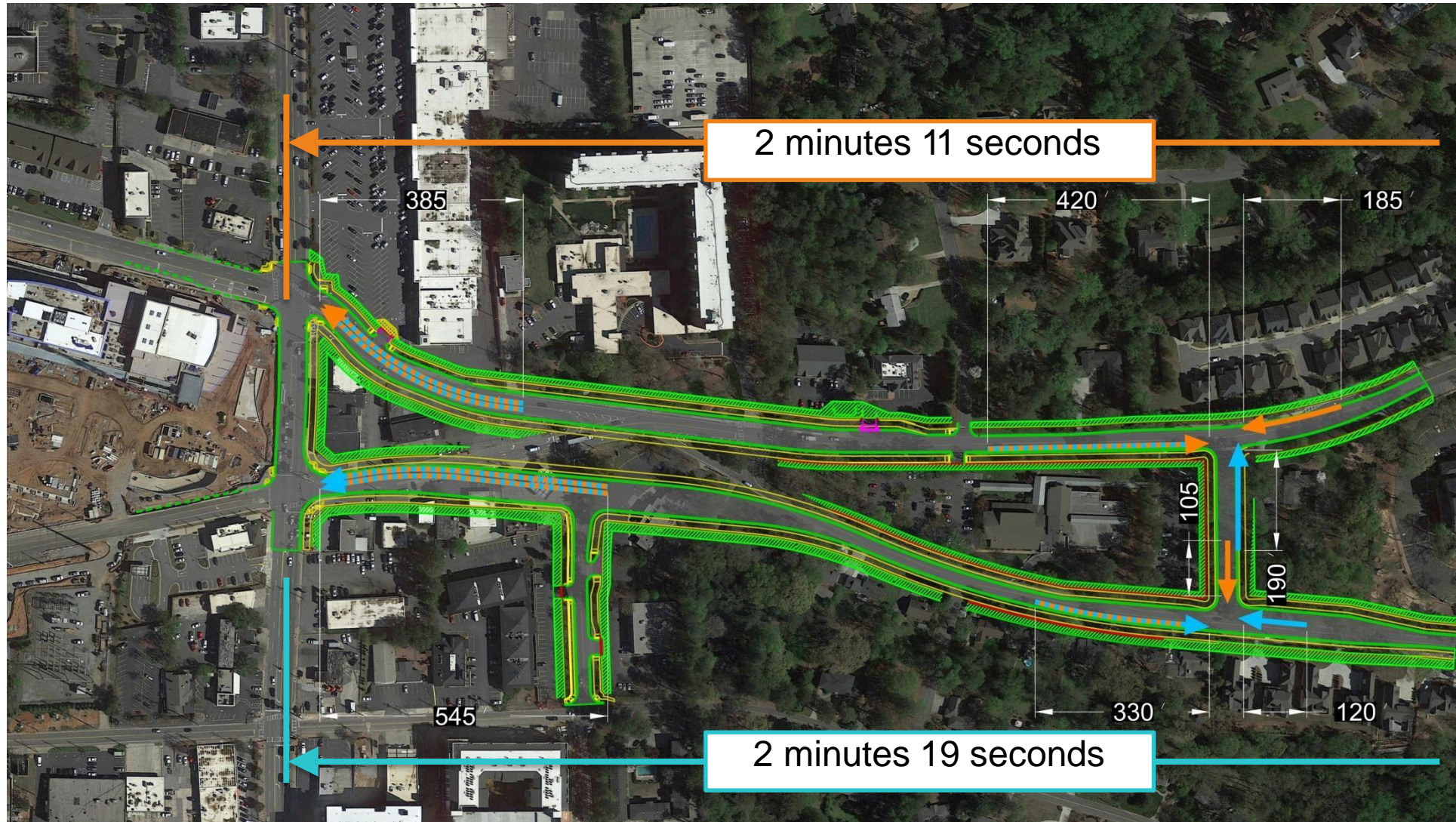


# Options 1 & 3 – 2040 Westbound Travel Times



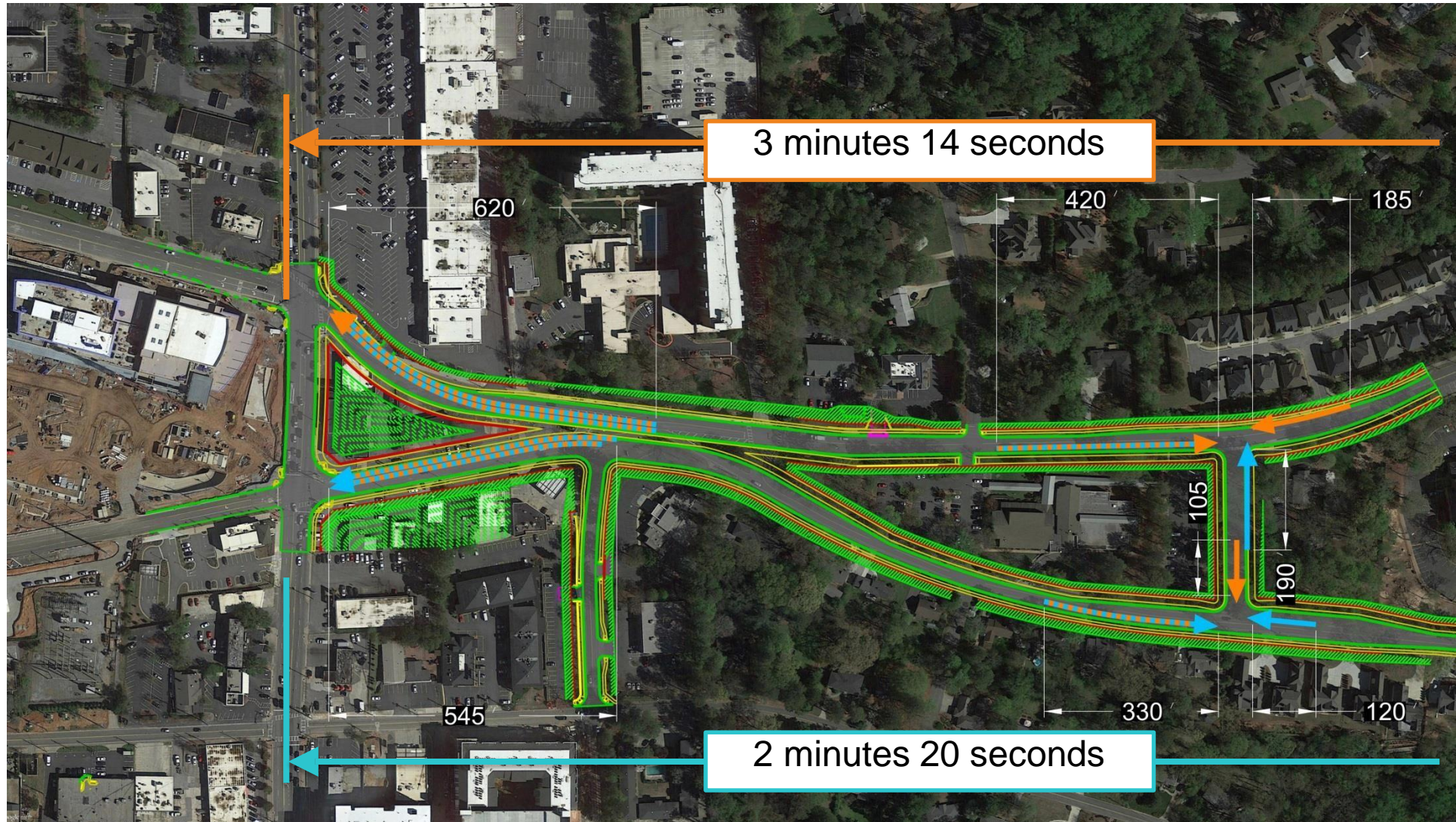


## Option 4 – 2040 Westbound Travel Times





## Option 5 – 2040 Westbound Travel Times (Split Phase)



## T-0011 - Johnson Ferry at Mount Vernon Roundabouts

- Status:
  - Jacobs has submitted the concepts, traffic studies and cost estimates for 4 options.

	Current Design	Option 1	Option 3	Option 4	Option 5
<b>Construction Cost</b>	\$7,300,000	\$7,300,000	\$7,300,000	\$8,800,000	\$8,800,000
<b>Right of Way Cost*</b>	\$19,403,000	\$19,453,000	\$21,043,000	\$25,085,000	\$14,200,900
<b>Reimbursable Utility Cost</b>	\$1,000,000	\$1,000,000	\$1,000,000	\$870,000	\$1,000,000
<b>Engineering Cost</b>	\$343,000	\$500,000	\$750,000	\$750,000	\$750,000
<b>Total Cost</b>	<b>\$28,046,000</b>	<b>\$28,253,000</b>	<b>\$29,843,000</b>	<b>\$35,505,000</b>	<b>\$24,750,900</b>
<b>Budget</b>	<b>\$23,400,000</b>	<b>\$23,400,000</b>	<b>\$23,400,000</b>	<b>\$23,400,000</b>	<b>\$23,400,000</b>
<b>No. of Displacements</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>12</b>	<b>7</b>



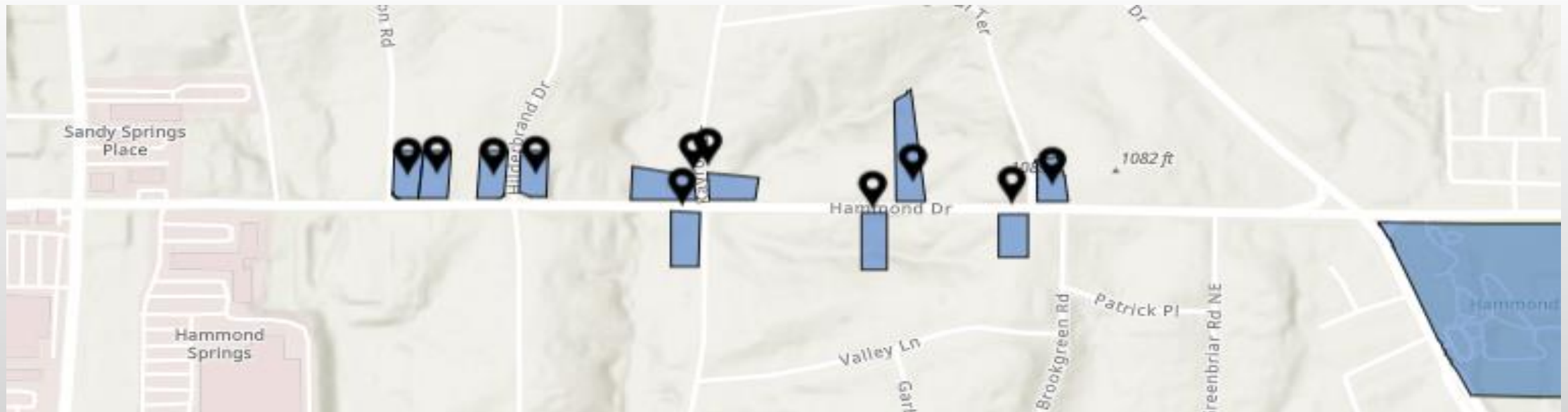
## T-0011 - Johnson Ferry at Mount Vernon Roundabouts

- Next Steps:
  - Present the options to the public in a Public Information Open House
  - Bring a recommendation to the Mayor and Council for approval
  - Proceed with preliminary design plans

# SANDY SPRINGS

## T-0024 Hammond Dr. Improvements

- Status:
  - Protective purchase property acquisitions underway – 11 parcels have been purchased.
  - A Request For Proposals for design is in progress – Roswell Road to Glenridge Drive.



## TS192 Mount Vernon Highway Corridor Design Project

- Status
  - Gresham Smith & Partners (GSP) is working on a transit/alternative vehicles feasibility study for this corridor that will be incorporated into the concept studies.
  - KCI is analyzing each of the 4 proposed typical sections on good aerial photography to determine property impacts. Due to high future volumes from the proposed managed lanes on MVH, KCI is studying the effects and will be making recommendations accordingly.



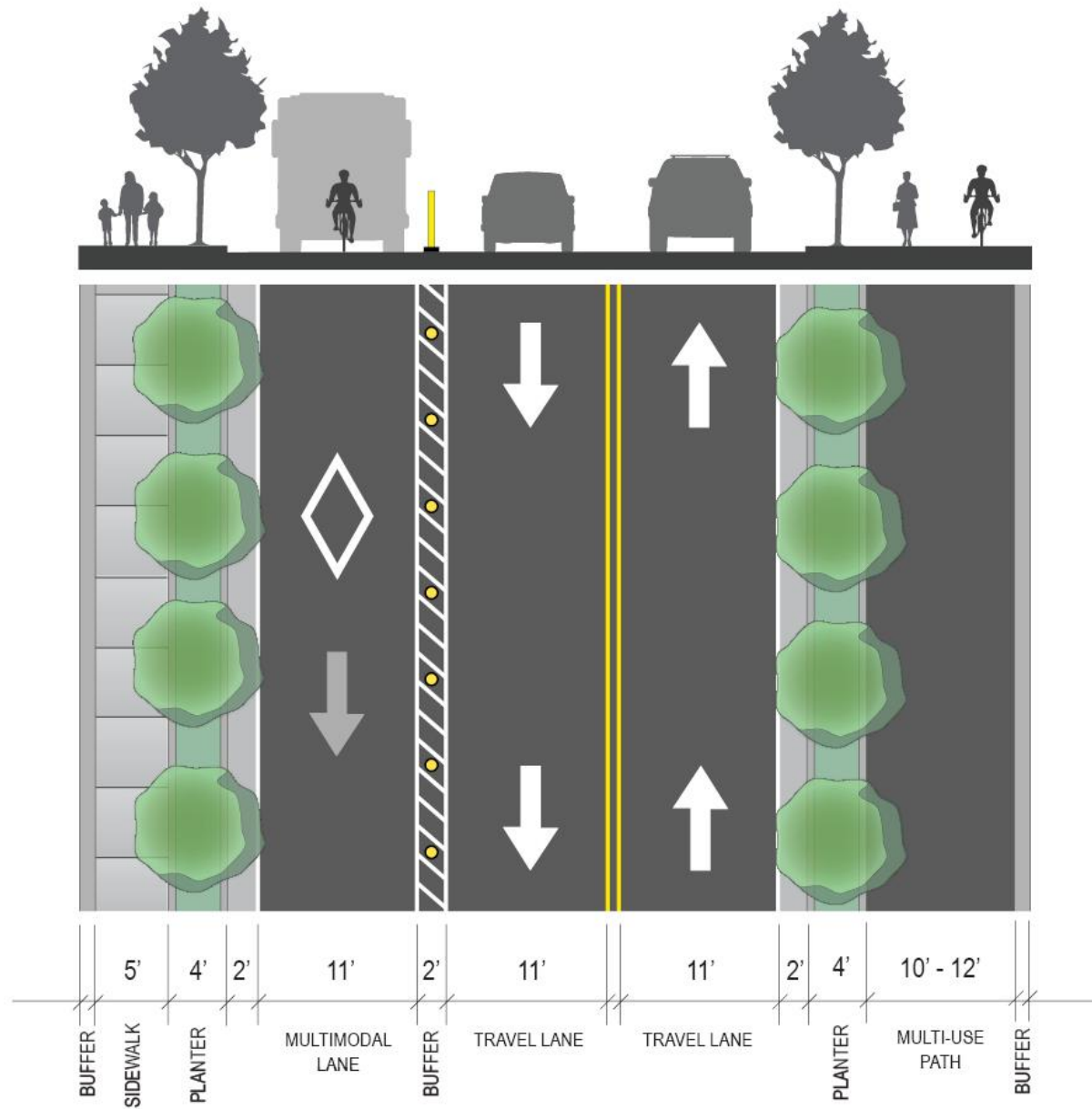
# SANDY SPRINGS

## TS192 Mount Vernon Highway Corridor Design Project





# SANDY SPRINGS



ROW without median (depends on multi-use path width)	64' - 66'
ROW with 4' median	68' - 70'
ROW with 8' median	72' - 74'
ROW with 12' median + 2' curb-gutter on each side of median	80' - 82'

## Notes

**Multimodal lane** is defined as a lane that will be restricted for use by only modes of transportation such as; bus, van pool, shuttle service, autonomous vehicle, other future transportation technology vehicle, and cyclist.

Multimodal lane as shown is reversible.

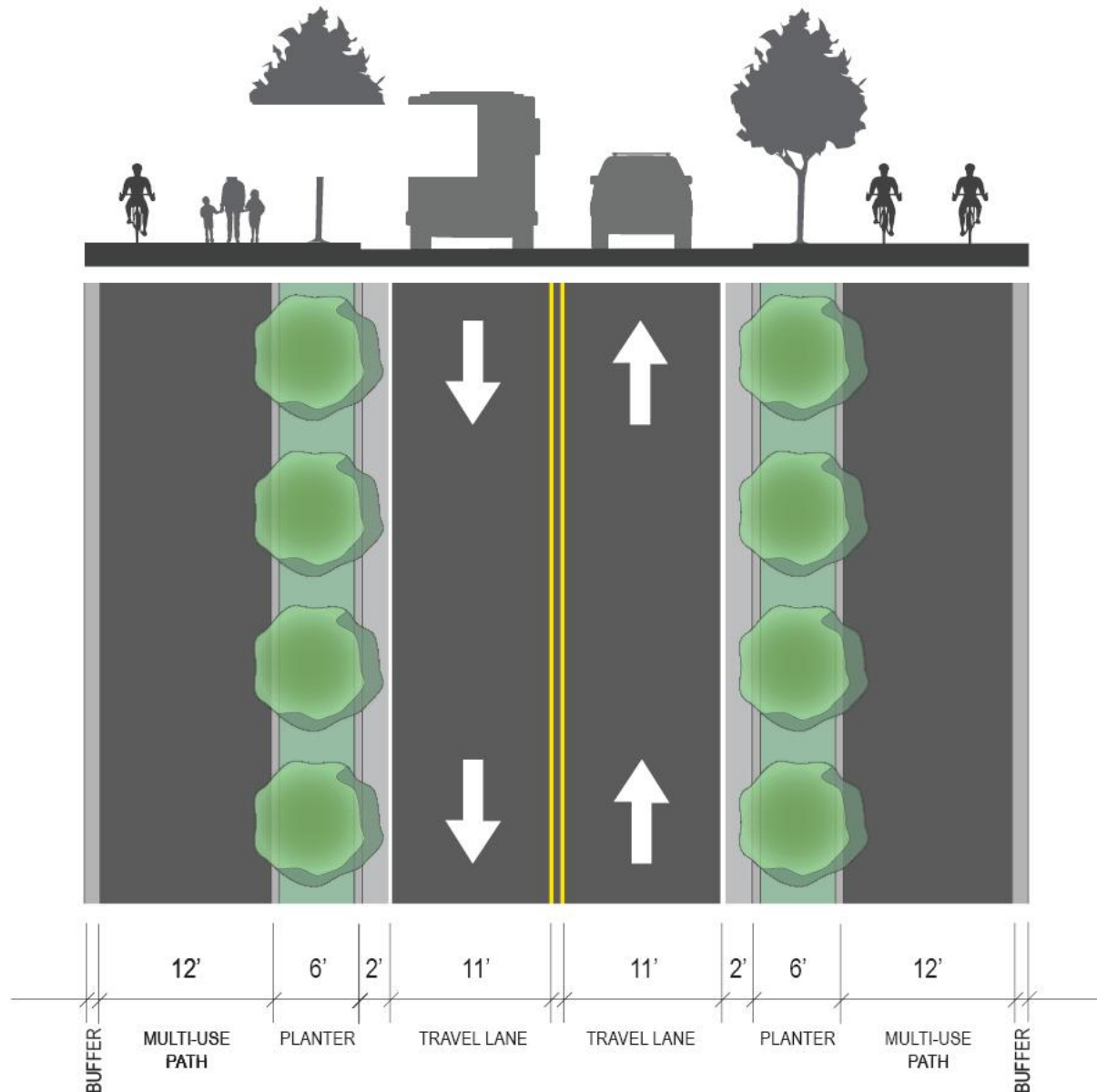
Multi-use path width as shown is 12'.

(10' may also be used as a minimum.)

Turn lane dimensions may vary throughout the corridor with wider dimensions used in advance of left turn lanes.



# SANDY SPRINGS



ROW without median	60' - 64'
ROW with 4' median	64' - 68'
ROW with 8' median	68' - 72'
ROW with 12' median + 2' curb-gutter on each side of median	76' - 80'

## Notes

**Multimodal lane** is defined as a lane that will be restricted for use by only modes of transportation such as; bus, van pool, shuttle service, autonomous vehicle, other future transportation technology vehicle, and cyclist.

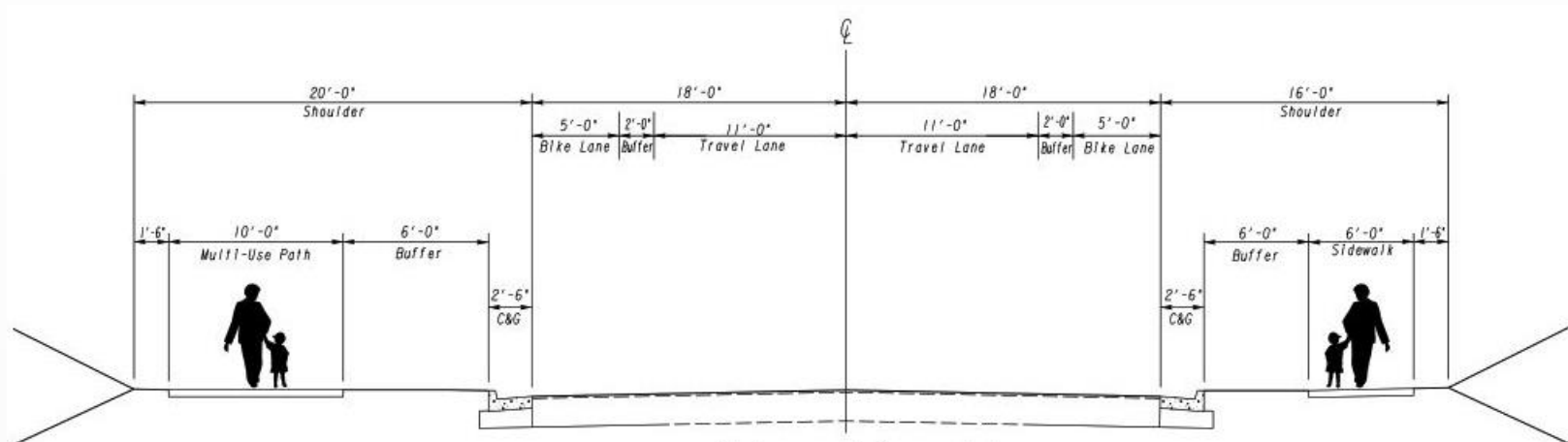
Multi-use path width as shown is 12'.

(10' may also be used as a minimum.)

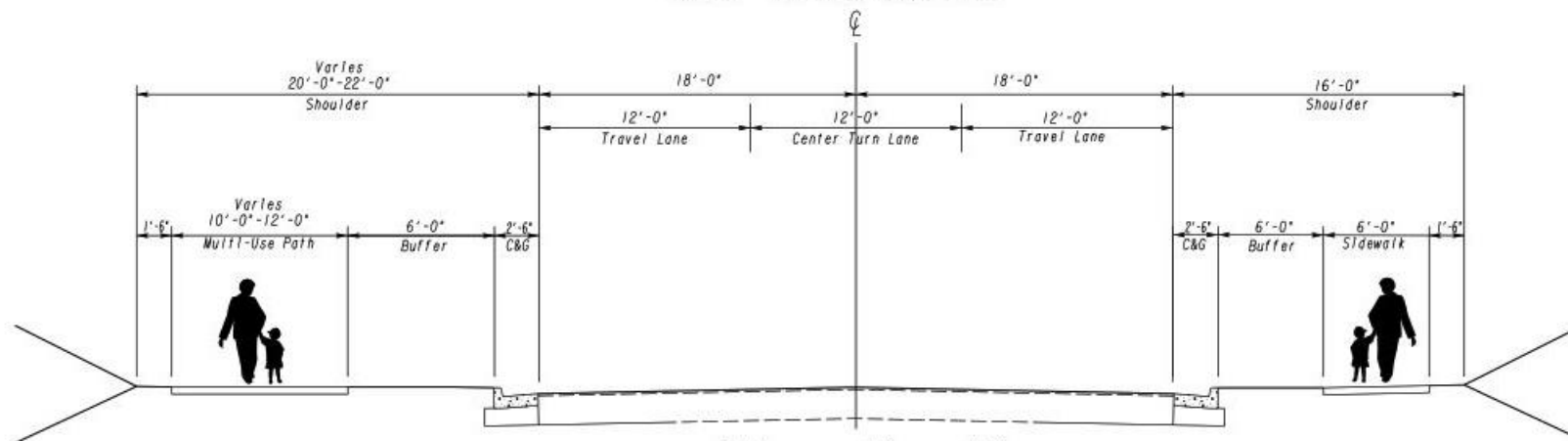
Turn lane dimensions may vary throughout the corridor with wider dimensions used in advance of left turn lanes.

# SANDY SPRINGS

## TS192 Mount Vernon Highway Corridor Design Project



Alternative #1  
Mount Vernon Corridor

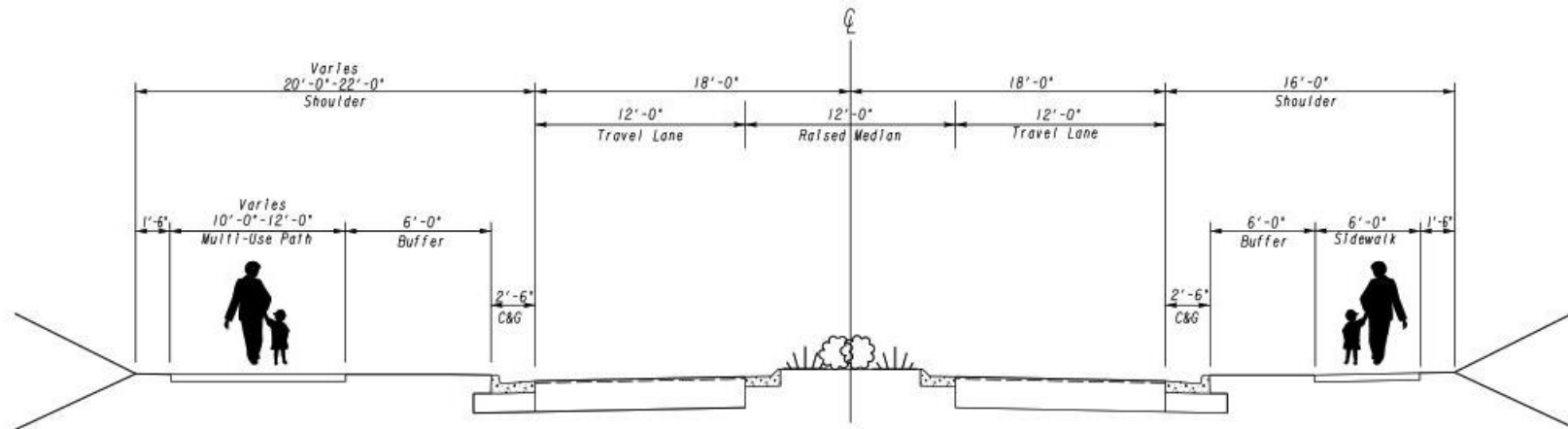


Alternative #2  
Mount Vernon Corridor

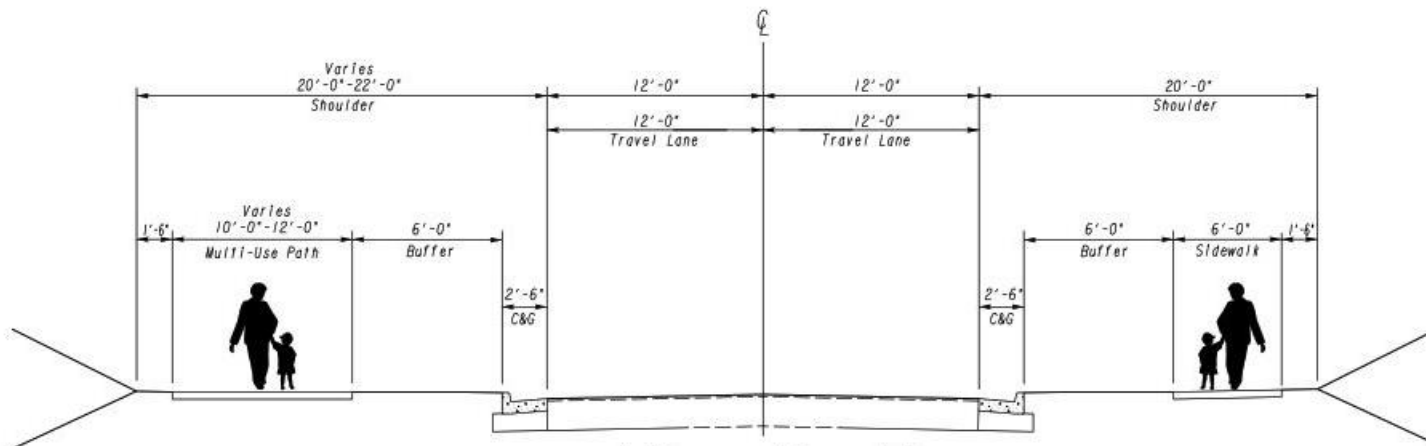


# SANDY SPRINGS

## TS192 Mount Vernon Highway Corridor Design Project



Alternative #3  
Mount Vernon Corridor



Alternative #4  
Mount Vernon Corridor

## TS201 - Ga 400 Multi-use Trail - Loridans Drive to Johnson Ferry Road

- **Project Alignment**





## TS201 - Ga 400 Multi-use Trail - Loridans Drive to I-285

- **Status:**

- Alternate funding in the form of federal or local funding may be required if Tier 2 funding isn't realized.
  - ARC funding – GDOT oversees design and construction
  - Georgia Transportation Infrastructure Bank (GTIB) Grant of Loan funding
  - General Fund local funding
- The first two public hearing were held October 25<sup>th</sup> in coordination with the City of Atlanta. There appeared coordination with the City of Atlanta. There appeared to be general support for the project.
- H&L and City staff have met with property owners and neighborhoods immediately adjacent to the trail feedback was mostly favorable, with security being the main concern.
- H&L is determining the best location options for the trail





## TSPLOST Intersection Efficiency Program – Status Update

### Projects Currently Under Design

<u>Projects</u>	<u>Status</u>
TS103 - Spalding @ Dalrymple-Trowbridge Int.	Right of way and final plans are in progress.
TS105 - Roswell Road @ Grogans Ferry	Concept to be presented to MCC in February for approval.
TS106 - Riverview Road @ Northside Drive	Concept is in design
TS110 - Mt. Paran @ Powers Ferry	Preliminary design is in progress.
TS111 - Spalding Drive @ Pitts Road	Concept is in design; a PIOH will be held in January.
TS116 - Dunwoody Club Dr. at Jett Ferry Rd	Concept is in design.



# TSPLOST Intersection Improvement Program Active Projects

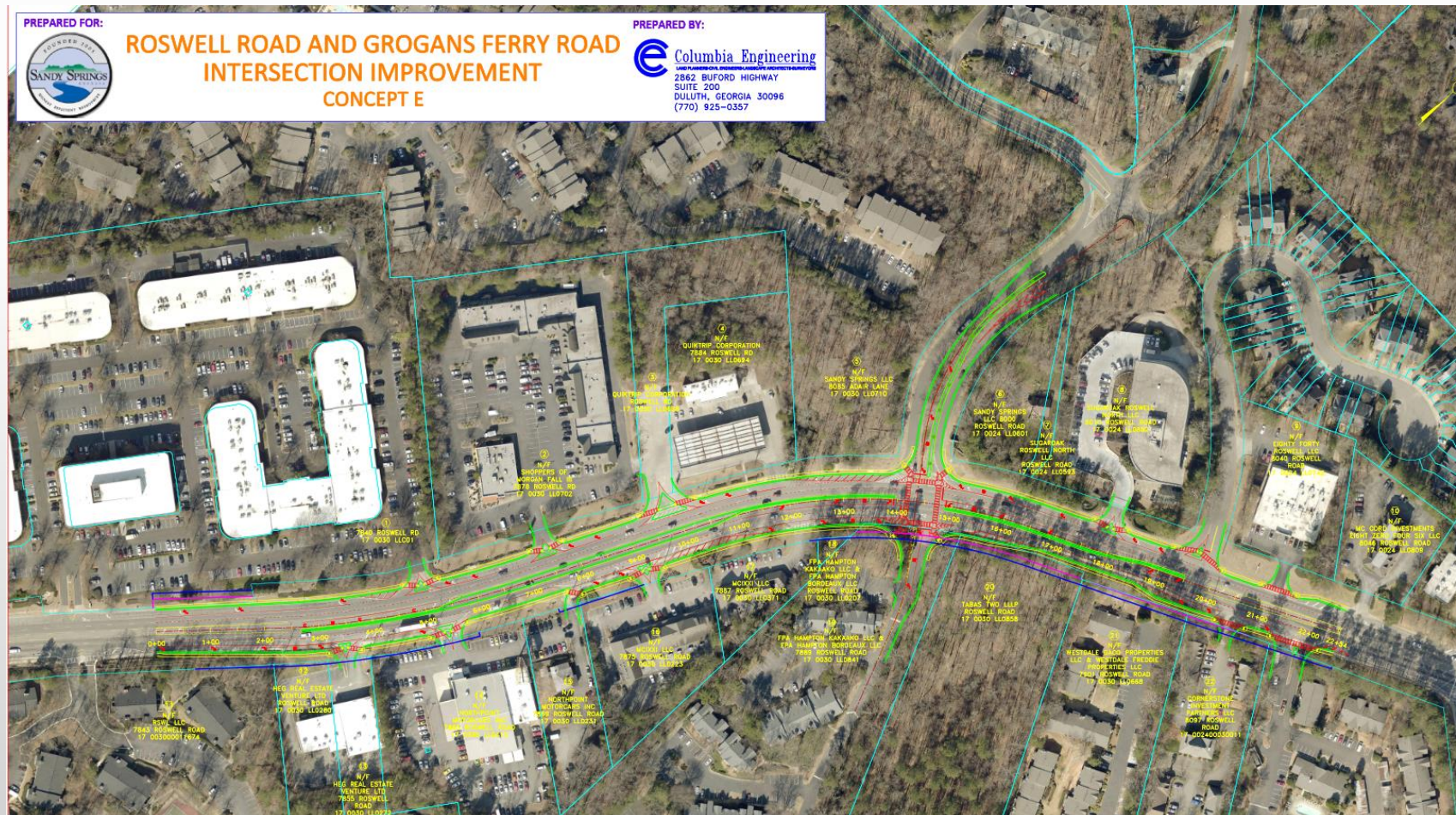
# TS103 Spalding @ Dalrymple-Trowbridge





# TSPLOST Intersection Improvement Program Active Projects

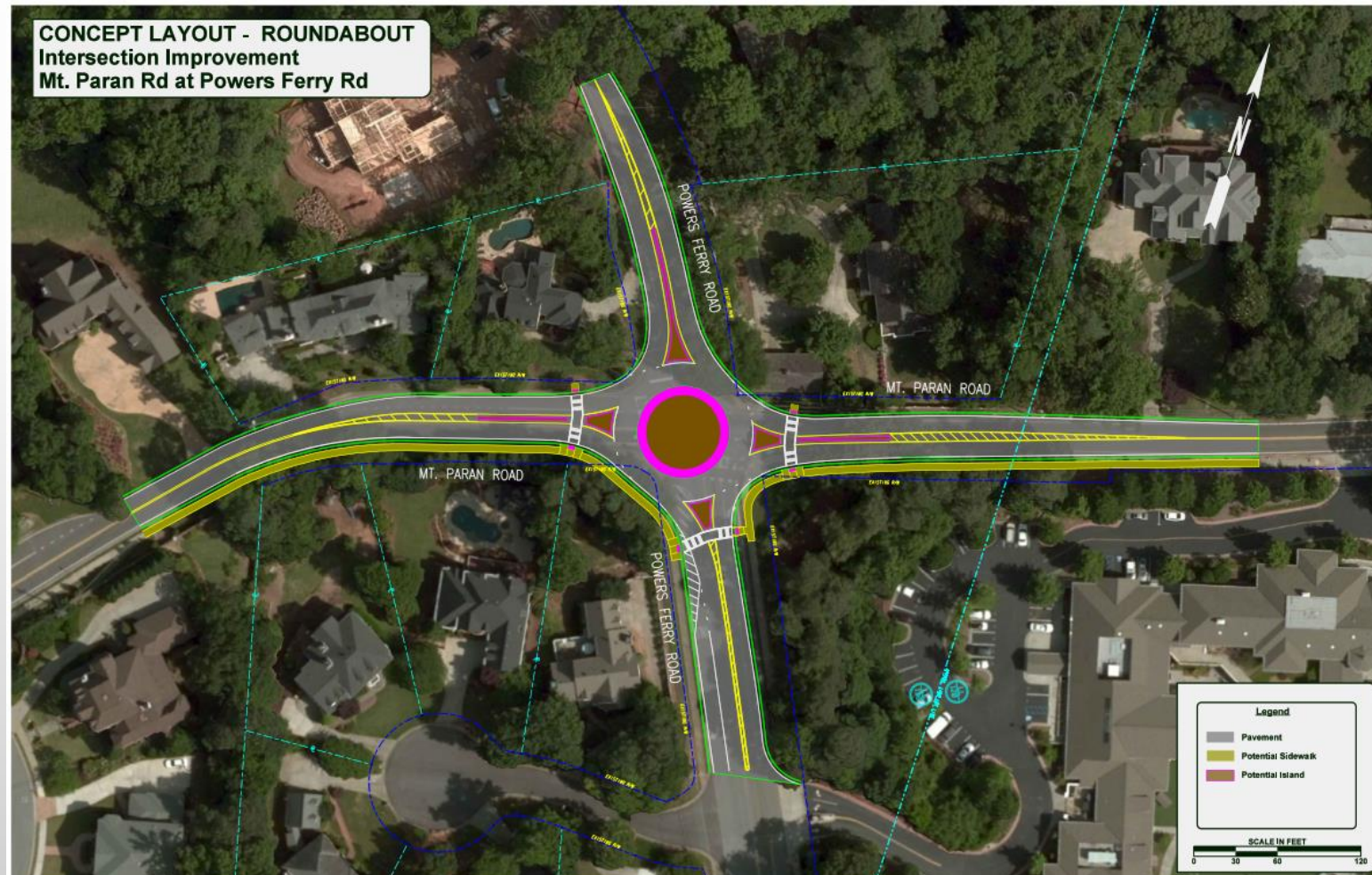
## TS105 Roswell Road @ Grogans Ferry Road





## TSPLOST Intersection Improvement Program Active Projects

### TS110 Mount Paran @ Powers Ferry Road





## TSPLOST Sidewalk Projects – Status Update

### Projects Currently Under Design

#### Projects

TS162 Johnson Ferry – Harleston Road to Glenridge Drive

TS163 Johnson Ferry – Glenridge Connector to Wells Fargo

TS164 Windsor Parkway – Peachtree Dunwoody Road to city limit

TS165 Northwood Drive – Kingsport to Roswell Road

TS166 Spalding Drive – Spalding Lake Court to Publix

TS167 Brandon Mill Road – Marsh Creek to Lost Forest Drive

#### Status

Preliminary design in progress.

Preliminary design in progress

Preliminary design in progress

Preliminary design in progress

Concept is on hold; coordination with Gwinnett County and Peachtree Corners is ongoing regarding the widening of Spalding Drive

Concept in design

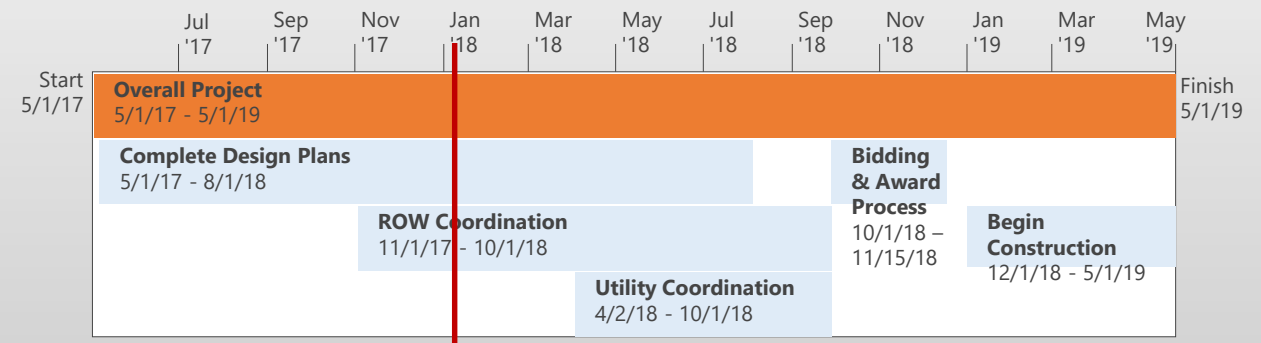


## Concept Exhibit for TS161 Johnson Ferry Rd Sidewalk (Harleston to Glenridge Dr.)



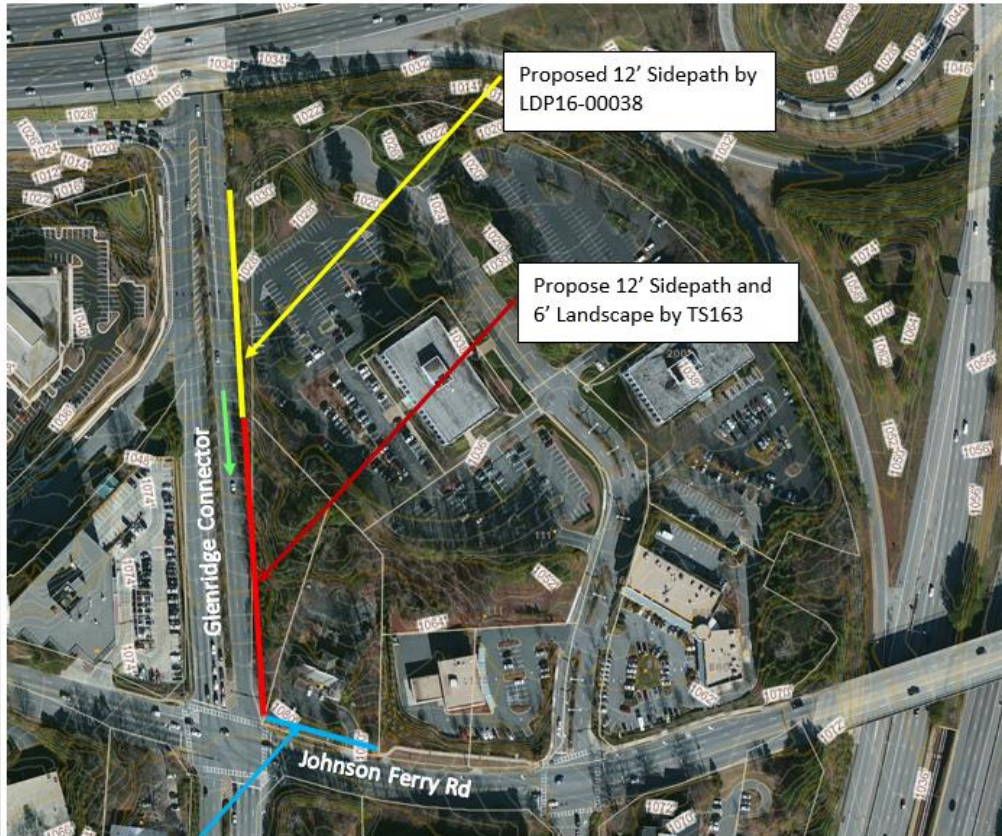
Status: Concept design reviewed for both: infill sidewalk project (funded in TSPLOST Sidewalk Program at \$860,000), and possible sidepath indicated in bike/ped plan (not funded in TSPLOST Sidewalk Program, estimate \$900,000).

CALYX studying impacts of widening Johnson Ferry by one lane in conjunction with Mt. Vernon Highway Multi-modal Transit Study and Mt. Vernon/Johnson Ferry Intersection project .





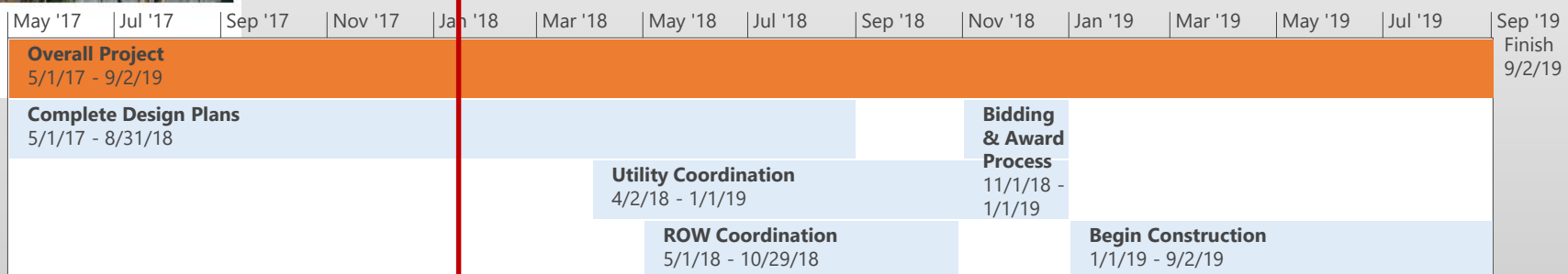
## TS163 Johnson Ferry Rd Sidewalk at Glenridge Conn



- Original Budget = \$132,000
- Estimated new budget = \$502,000
  - o Original Design = \$28,000
  - o Total Design = \$122,200 (\$94,200 Change Order)
- Increased scope developed to continue 10' Sidewalk on Johnson Ferry Road to the proposed 12' Sidewalk by LDP16-00038 on Glenridge Conn
- The 10' Sidewalk on Johnson Ferry RD and 12' Sidewalk on Glenridge Conn will require retaining wall(s) along Glenridge Connector and Right of Way from two parcels
- Utilities relocations anticipated.
- Change order issued to AEI/will begin added survey this month

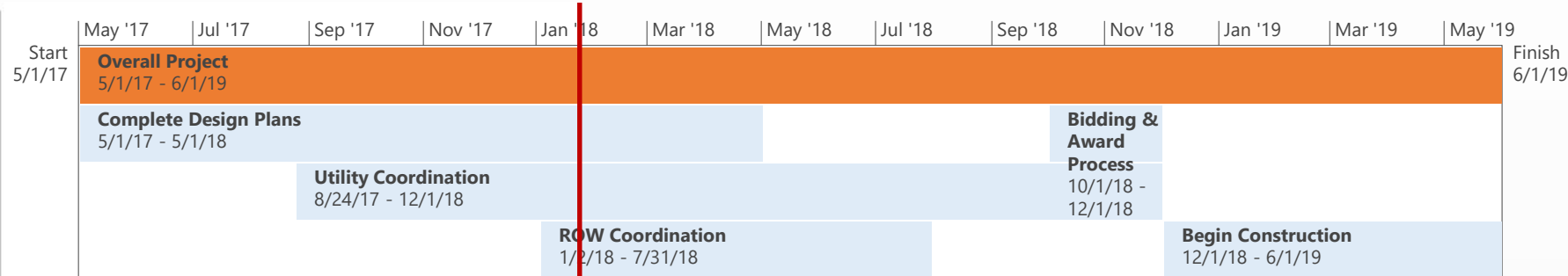
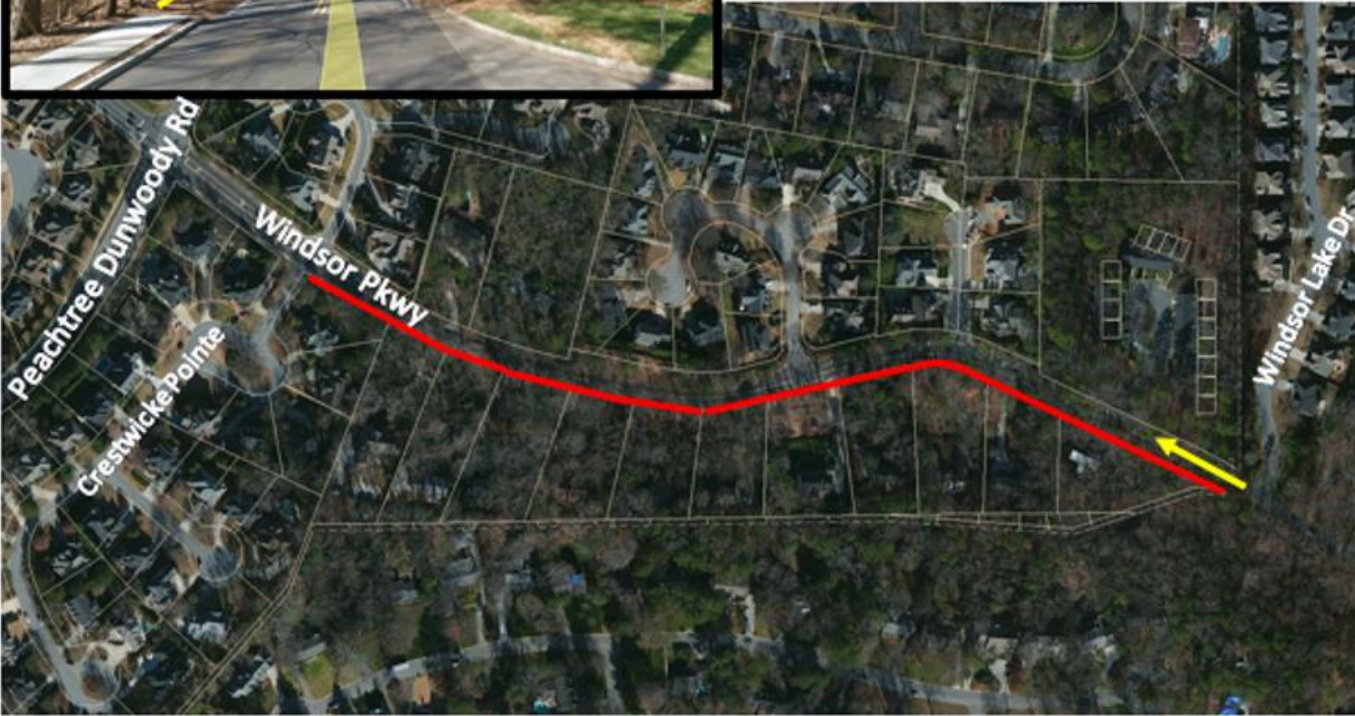
Propose 10' Sidewalk and 6' Landscape by TS163

Start  
5/1/17





## TS164 Windsor Parkway Sidewalk (Crestwicke Pointe to City Limit)

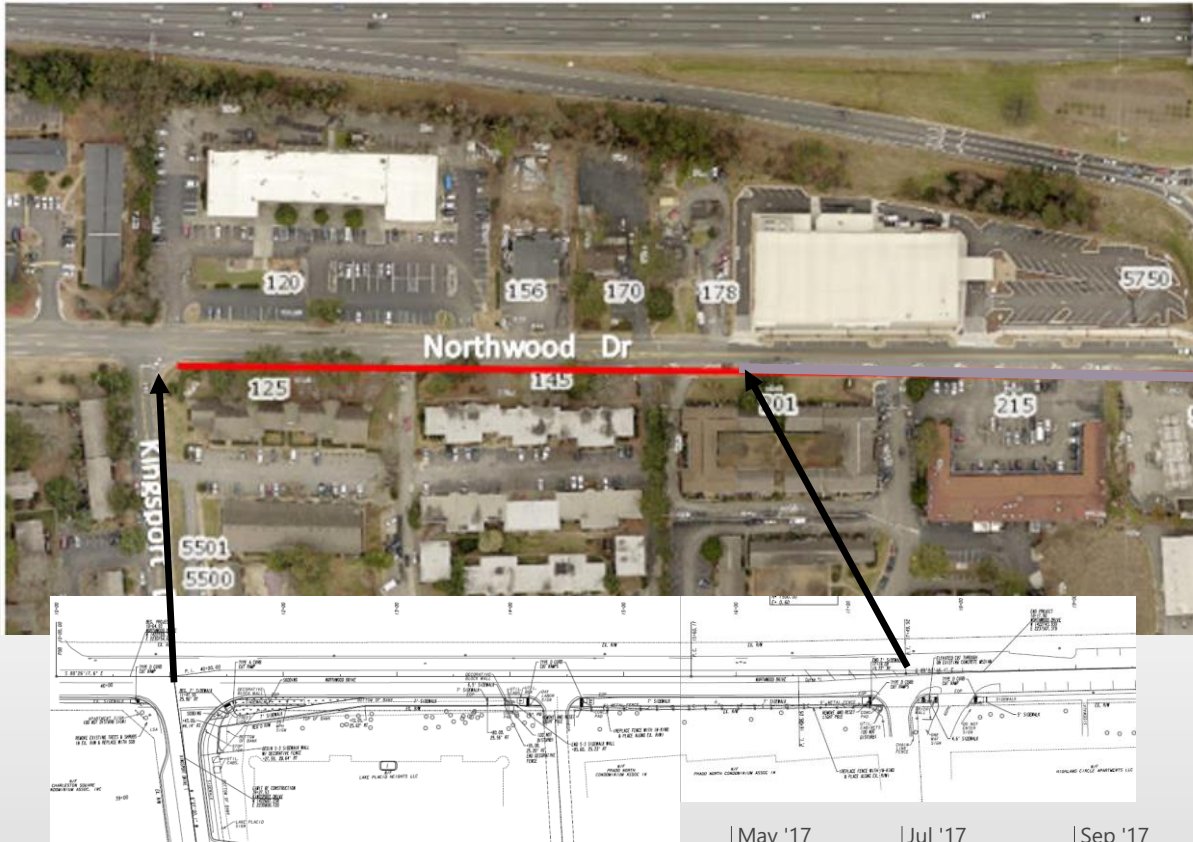


- Overall Project Budget = \$553,000
  - o Design \$96,500
  - o Construction Budget Estimate \$300,000
  - o Engineer's Construction Estimate \$749,000
- Concept Plan review completed on 12/21/17 with Community Development with no major comments
  - o Variances anticipated: Bike Lane, Water Quality, and 4' sidewalk section in front of one parcel to save a tree; complete list will be available after concept plan review
- Utility coordination in progress – major aerial relocations
- Right Of Way coordination begins this month
  - o Construction, driveway and storm sewer easements are required for construction

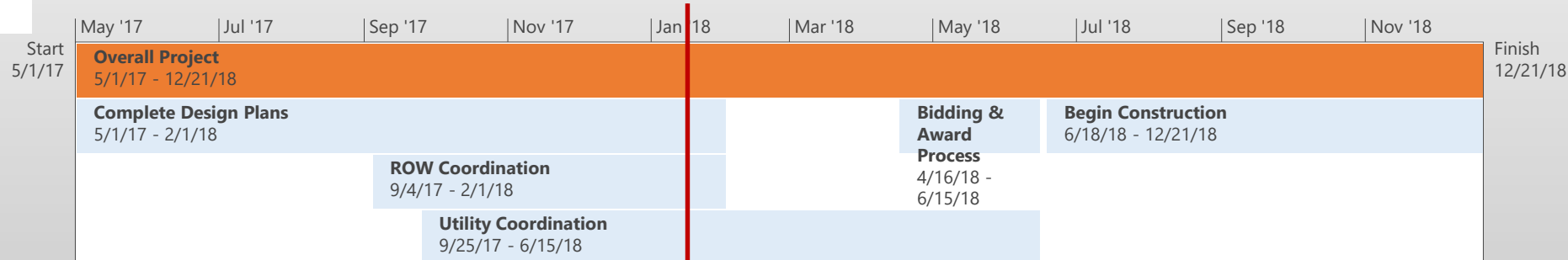


# SANDY SPRINGS

## TS165 Northwood Drive Sidewalk (Kingsport Dr to Ex. Sidewalk)



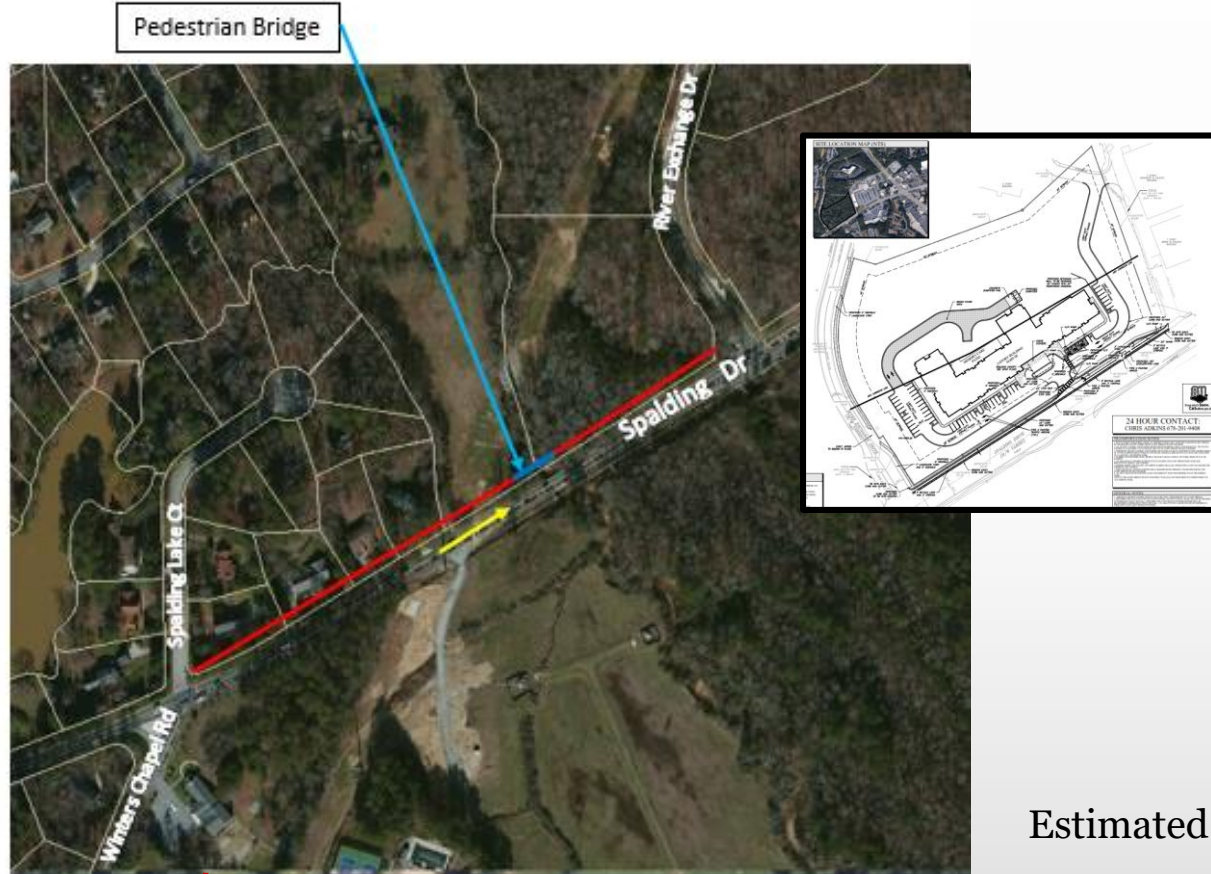
- ROW is required to correct existing sight distance issue at Kingsport Dr and Northwood Dr; ROW offer made/anticipate completion by January 2018
- LDP comments require Admin Modifications and approval from CM
  - o Commercial Strip Streetscape per old zoning ordinance
  - o Type B Streetscape per newly adopted development code
  - o Sidewalk to be parallel to ROW
  - o 2' landscape strip
- Utility Coordination is ongoing with GA Power; awaiting utility relocation agreement from GA Power
- Ga Power Street Lighting agreement has been signed and sent to GA Power. Waiting on invoice from GA Power.
- Potential schedule acceleration based on forecasted actions
- Overall Project Budget = \$289,000
  - o Design \$55,000
  - o Construction Budget Estimate \$151,000
  - o Engineer's Construction Estimate \$198,000





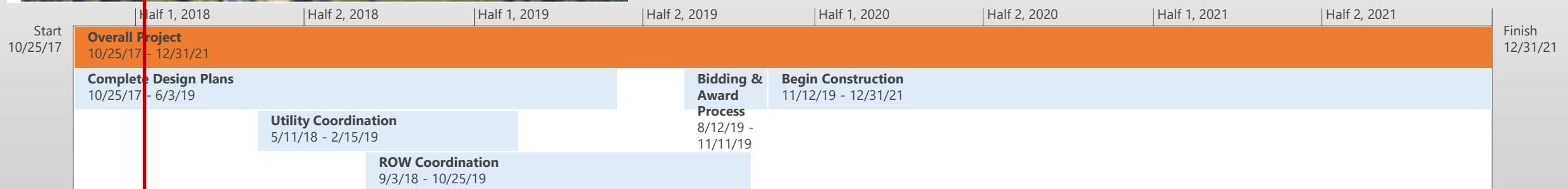
# SANDY SPRINGS

## TS166 Concept Exhibit - Spalding Dr Sidewalk (Spalding Lake Ct to River Exchange)



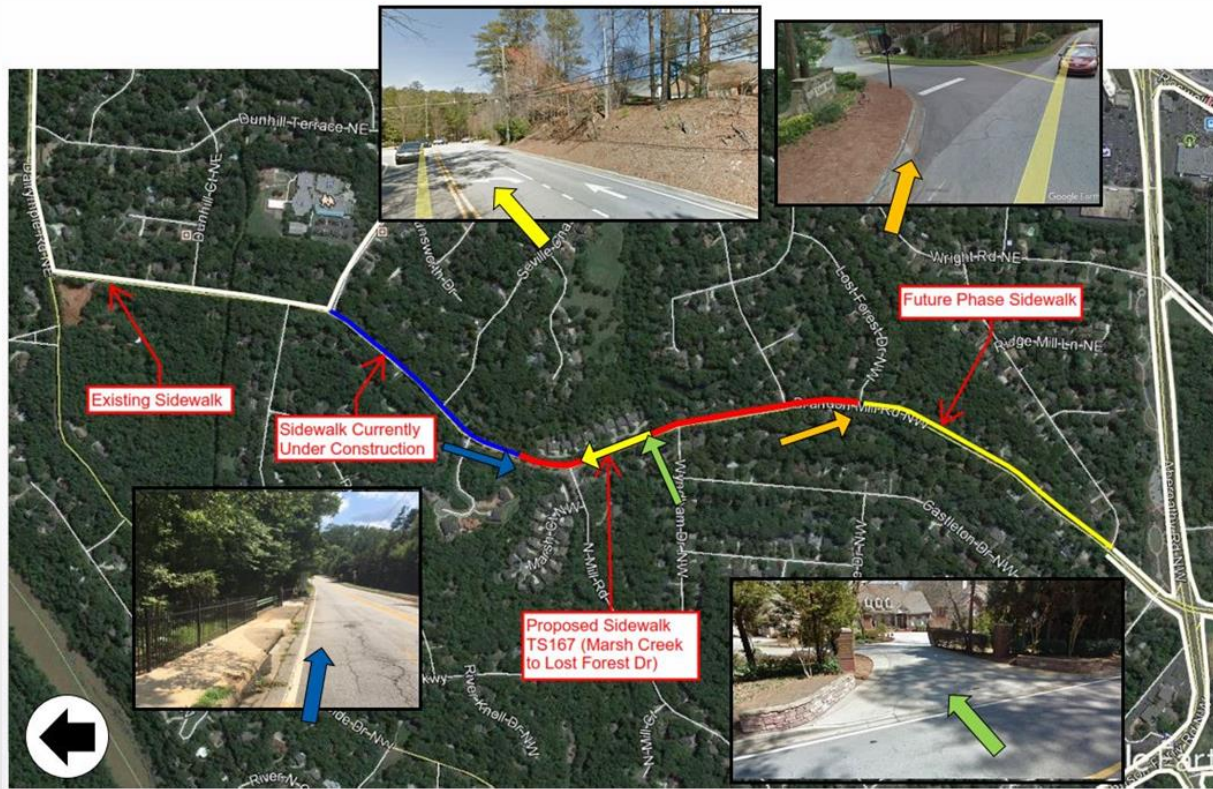
- Overall Project Budget = \$1,100,000
- Eng Expenditure (8/30/2017) = \$73,616
- Budget Left = \$1,026,384 (including ROW Cost)
- Gwinnett DOT Overall Project Estimate = \$9,500,000
- Early consultant design studies now on hold with Gwinnett County TSPLOST Spalding Widening advancing
- Consider combining this project with Gwinnett County TSPLOST funded Spalding Drive Widening Project– Intergovernmental Agreement from Gwinnett Co. expected this month.
- City of Peachtree Corners pursuing companion trail project to complement this work.
- Coordinate project impacts with adjacent development – added lane width and Sidepath.

### Estimated Schedule:



# SANDY SPRINGS

## TS167 Brandon Mill Rd. (Marsh Creek to Lost Forest)

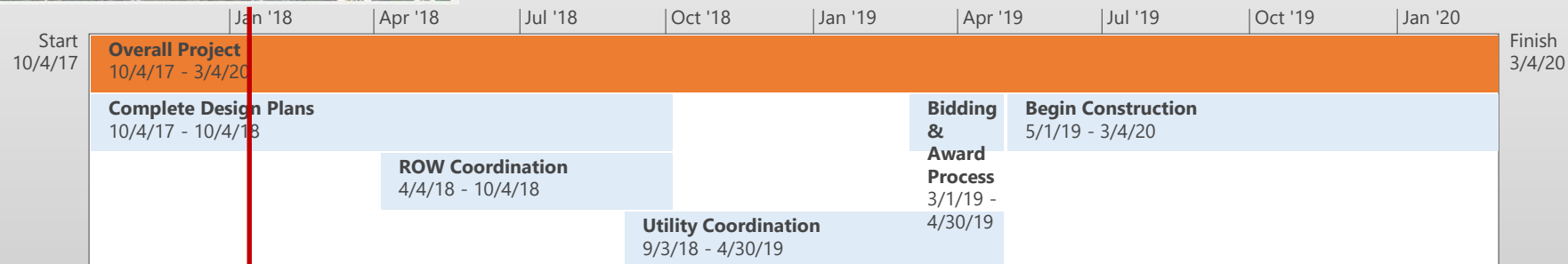


### Status:

- Design awarded to Atkins 09/26/2017
- NTP: 10/4/2017
- Survey work completed
- Geotechnical survey underway for retaining wall design
- Utility coordination with GA Power to begin soon

### Overall Project Budget: \$949,000

- Design: \$197,557
- Construction Budget Estimate : \$495,000





## Project TS166 – Gwinnett County Concept

Typical Section – 4 lane undivided from Spalding Lakes Court to River Exchange Drive

5 lanes (4 lanes with a center turn lane) from River Exchange Dr to Holcomb Bridge Road

